



Format of Enactment of Disaster Management Planning in Upazila Levels

Upazila: Madarganj, District: Jamalpur

Enacted by

Upazila Disaster Management Committee, Madarganj, Jamalpur.

Coordinated by:



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Overall Assistance

Comprehensive Disaster Management Program (CDMP- II)
Ministry of Disaster Management and Relief, Bangladesh



Welcome



Madarganj Upazila, Jamalpur



Speech of Upazila Nirbahi Officer

Comprehensive Disaster Management Program (CDMP-II) is a project under Disaster Management and Relief Ministry. Objective of the project is reducing risk of disaster and strengthening as well as institutionizing activities of disaster management. As part of the process, according to CDMP's disaster management law and permanent orders regarding disaster, Socio Economic Environmental Development Organization (SEEDO) has started enactment of disaster management planning in Madarganj upazila of Jamalpur district. The planning has mainly organized the activities of disaster management committee of Madarganj upazila. The disaster management planning has been enacted in association with honorary members of disaster management committee of the upazila. Not only in Madarganj but also across the country this type of activity is the first. CDMP trained and made responsible SEEDO for providing assistance to Madarganj upazila administration in this regard. In association with the upazila administration and through SEEDO activities of disaster management planning have been efficiently done in Madarganj upazila of Jamalpur district.

I thank all including the upazila administration, upazila disaster management committee and officials of SEEDO for completing this type of new project successfully.

Dr. Mohammad Kamruzzaman

Upazila Nirbahi Officer

Madarganj upazila

Jamalpur

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First chapter: Introduction to local area

1.1 Context

Enactment of disaster management planning is recommended in district, upazila, municipality and city corporation levels after incorporating risk reduction and contingency planning to the permanent directives of disasters. The CDMP has taken the issue of disaster management planning with significance. Sustainability and effectiveness of planning depends on intensive and result-based workplan, participation of organization, institution and population concerned. The disaster management planning will be enacted for 3-5 years.

Bangladesh is a disaster-prone country in the world map. More or less every district of the country is affected by disasters. Jamalpur is one of the major disaster-hit districts.

Madargonj upazila is also one of the major disaster-prone area. Major disasters of the upazila include flood, drought and river-erosion. Disaster hits every union of Madarganj every year and affects life and livelihood of the population. No workplan is seen in district/upazila levels even after being affected by disasters every year. The disaster management planning has been enacted for Madarganj upazila as part of overall disaster management.

1.2 Main objectives of planning

- In creating awareness in family and social levels on risk of disaster and reducing all types of risks, inventing real-life ways in family, society, union administration, upazila and district administration levels.
- Reduction of risk and developing implementation system through utilization of probable local initiatives.
- Exercise and application of locally enacted planning for removal, rescue, demand assessment and instant rehabilitation.
- Formation of strategic documentation for a certain area and certain period.
- It will work as an overall planning for disaster management committee and sector concerned (Government, international and national NGOs, donors etc).
- Gives instructions to partners related to disaster management in enactment of planning and implementation.
- Developing awareness among the community about cordial participation, effective partnership and ownership.

Modarganj upazila administration building



1.3 Introduction to local area

1.3.1 Geographic location of Madarganj upazila

Madarganj upazila of 225.73 square kilometers of area is located in Jamalpur district. The upazila is situated 34-kilometer west of Jamalpur district and 221-kilometer south of Dhaka division. At its east side Adra union, Ghosher Para union and Hazrabari union Melandah upazila, Mesta union of Jamalpur sadar upazila and Bhatara union of Sharishabari union; at south side Shatpoa and Kamrabad union of Sharishabari upazila; at west side the River Jamuna and Shariakandi upazila of Bogra district and at its north side Mahmudpur union of Melandah upazila and Noarpara union of Islampur upazila. In the upazila, there are two rivers (Jamuna and Jhatkata), 24 canals, 6 embankments and 761.5 kilometers of roads (concrete road 154-kilometer, earth-made road 598.5-kilometer and HHB 9-kilometer). Soil of the upazila is clayey, loamy and sandy while water is fresh. There are orchards of Mehagani, Ekashi and Ucaliptus trees. Apart from these, there are Banyan, Shimul, Akashmoni, Koroi, Mango, Shishu, Tamarind, Lichy, Berry, Jackfruit and Jamrul etcetera trees. Any mineral resource is yet to be found in the upazila.

Detailed description of rivers, canals and embankments Attachment-7

1.3.2 Area

Area of Madarganj upazila is 225.73 square kilometers.

There are 7 unions in the upazila. Those are: Char Pakerdaha, Koroichura, Gunaritala, Balijuri, Jorkhali, Adarvita and Shidhuli. There are 148 villages and 108 areas in the unions.

1.3.3 Population

Total population of Madarganj upazila is 263608 (Two lakh sixty three thousand six hundred and eight). Among them 130339 (One lakh thirty thousand three hundred and thirty nine) are male and 133269 (One lakh thirty three thousand two hundred and sixty nine) are female. Number of total families is 63585 (sixty three thousand five hundred and eighty five). Details have been shown in the table:

Union	Male	Female	Children (0-15)	Old (60+)	Challenged	Total Population	Family	Voter	
								Male	Female
1.no.Char Pakerdaha	18435	18918	1065	970	741	40129	9051	11907	10793
2.no.Koroichura	17335	18342	6208	700	625	43210	9320	11075	11568
3.no.Gunaritala	18431	19083	1786	370	550	40220	9071	11670	12134
4.no.Balijuri	12326	12234	2612	500	326	27998	5564	7519	7638
5.no.Jorkhali	16572	16129	3560	320	528	37109	7368	9948	9967
6.no.Adarvita	19546	19823	4253	710	668	45000	9614	12251	12494
7.no.Shidhuli	11506	11759	1235	230	418	25148	5703	7112	7335
Municipality	16188	16981	2360	922	710	37161	7894	10187	10793
Total=	130339	133269	23079	4722	4566	263608	63585	81669	82722

Source of information: Attachment-10

1.4 Brief description of infrastructure and non-infrastructure

1.4.1 Infrastructure

- There are 6 embankments

Unionwise brief description is given below:

Union	km	From where to where	Ward no.	Height
Char Pakerdaha	10 km	From Kathma via Koalikandi and Pakerdaha to Bir Pakerdaha	Ward 2,7,8 and 9	8 feet
Koroichura	12 km	From Joterpara to Mahmudpur	Ward -3,4,5,6 and 7	7 feet
Gunaritala	No			
Balijuri	1.5 km	From Chandpur to Dakkhin Nangla	Ward 8	40 feet from river 20 feet from land
	25 km	On the West Shukhnagari river	Ward 4	20 feet
Jorkhali	No			
Adarvita	7 km	From Palisha to Mukundabari	Ward 1	20 feet
Shidhuli	2 km	From Modongopalpur to Charlotabor	Ward 5,6,7 and 8	12 feet
Total	32.75 km			

• **Number of sluis gates- 02**

Union wise brief description is given below:

Union	Number	Where	Name of river/canal	Operative or not
Shidhuli	2	Char Boyra and Rayer Chhora	On way to Char Boyra canal, On way to Rayer Chhora canal	operative operative
Total	2			

• **Bridge-76**

Union wise brief description is given below:

Union	Number	Where	Name of river/canal	Operative or not
Char Pakerdaha	15	Fhazilpur Fhazilpur NearCharPakerdahaBangla bazar Char Paker daha Bangla bazar Foot bridge up to Teghuria bazar Foot bridge of kualikandi kualikandi kualikandi Adjacent to Jhatkata Bazar At the north of Jhatkata Bazar At the north of Jhatkata Bazar At the east of Jhatkata Bazar At the north-east of Jhatkata Bazar At the west of Jhatkata Bazar In Nishchintopur Bazar	On Ghughumari canal On the road One the Road One the Road One the Road One the Road On Kualikandi canal One the Road One the Road One the Road One the Road One the Road One the Road One the Road One the Road	All Used
Koroichura	9	In front of Momenabad Sekandar Ali Master's home In front of Paschim Nolchhia Nur	One the Road	All Used

Union	Number	Where	Name of river/canal	Operative or not
		Mohammad's home In front of Paschim Nolchhia hafezia madrassa Mohisbathan From Milon Bazar to Chhalabandha road Jatiarpara Velamari Ghughumari From Ghughumari to Mahmudpur road	On Jatkata River On Jatkata River On Jatkata River One the Road One the Road One the Road One the Road	
Gunaritala	19	Near Char gopalpur shordar home At the north of Thana moor Near noyapara tamasha home On the road of Gunaritala Near Jurkhali shalam home At the north of Jurkhali johorul ho Near Jurkhali Shubahan home Near Muslemabad Mosque Near Muslemabad habul home Near Muslemabad ziaul home At the north of Thana moor Near Amtoli bazar Gopalpur At the north Gopalpur Front of pitar shopner bari Front of Nurul master home Front of Shattar BSC home On the Gunaritala up road Near Milon bazar	One the Road One the Road One the Road On Jatkata River One the Road One the Road One the Road One the Road One the Road One the Road One the Road One the Road One the Road One the Road One the Road One the Road One the Road One the Road One the Road One the Road	All Used
Balijuri	7	Poschim shuknogori Tartapara Tartapara shuknogori shuknogori On the Kamaria Jomuna(br) river On the Mirzapur river	On Jomuna(br) river On Jomuna(br) river One the Road One the Road One the Road On Jomuna(br) river On Jomuna(br) river	All Used
Jorkhali	7	On koladaha river(Jo) Namapara char golabari foot brig Namapara char golabari Khilkati Ramchondra baly bridg Ramchondra baly bridg Bondha Chitol	On koladhariver Onnamaparacanal One the Road One the Road One the Road One the Road One the Road	All Used
Adarvita	7	Near fokir par lal shorkar home On the koyra bazar shatter road From patadaha shamad home to timpara	One the Road On shatter canal	All Used

Union	Number	Where	Name of river/canal	Oparetive or not
		Dakatia Near dakatia kodur home Front of Badshai mazar Front Nolka Julhash okil home	One the Road One the Road One the Road One the Road One the Road	
Shidhuli	10	Char Vatian Char Lotabor Char Nandina Shodra bari Shodra bari shipahy moor Kazia bari Char Lotabor Near Char lotabor praimary school Char Lotabor Kashim mondol home	On the jinai river On the jinai river Onthejatkata river On the canal One the Road One the Road One the Road One the Road One the Road One the Road	All Used
Municipality	2	Char bowla-2	One the Road	All Used
Total=	76			

- **Culvert-230**

Union wise brief description is given below:

Union	Number	Where	Name of river/canal	Oparetive or not
Char Pakerdaha	24	On Pakrul road Near Pakerdaha Khoka home Near about fazilpur shattar home Kualikandi Teghuria Ruknai Near about Pakerdaha Banglabazar Fazilpur Hedegari Bir pakerdaha Char pakerdaha Fazilpur Nobboy char Near about char nogor bazar At the West of char nogor bazar East Char Pakerdaha Kolar moor of East Char Pakerdaha NearEastChar Pakerdaha Zobbar home At the East of Upazila Chiarman home Back sideof Fazilpur Jorip mondol home Front of Fazilpur Anar mastar home Near of Fazilpur Nozrul leder home At the North of Teghuria bazar	On the road On the road	All Used
Koroichura	17	At the north of nolsia lalmia home	On the road	All Used

Union	Number	Where	Name of river/canal	Oparetive or not
		At the north of Ghugomari shorka bari home From binod tangi bazar to khodor bari Near about nolsia kashem home North of Elshemary Khokar bari Near about Elshemary momtaz home Near about Dolimondo khorom home North of Velamari mukul home North of nolsia muraddozaman hom On the Z-7 Road-4 culvert Beside of kumarpara-2 culvert On the Elshemary-2 culvert	On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road	
Gunaritala	38	Front of char gopalpur kazimuddin home Near about babur char fokir home Near about birgopalpur shofikul ho Beside of noya chiarman home Front of Jurkhali forid home Near north Jurkhali monto home Near about Shalam member home Near about north Jorkhali hasan ho Near about Niscintopur Eidgha mat Front of Niscintopur kishor home Near katolmari tomo mondolhome Near Jangalia Idris home On the road of shingdaha From jonail bazar to kalur moor-10 culvert From jonail bazar to Gunaritola ba-7 culvert From jangalia to Gunari bazar-2 From junail mia bazar to koroy chora- 3 culvert From Gunaritola parishod to Gunaritola bazar-3 culvert	On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road	All Used
Balijuri	43	Front of Poschim shuknogori koye home Back side of Poschim shuknogori anar ho. Front of Poschim shuknogori kabil home Front of Poschim shuknogori arfan home Front of nangla Rofiq & Giash tepu home Back side of Nangla Romzan home Front of Nangla Ussuf mondol home Front of Nangla Razzaq & Shaquat home Front of Nangla Chan mia home Near Poschim shuknogori Akram.h.School Near Poschim shuknogori Ruhul home Near Poschim shuknogori khoda box hom Near Poschim shuknogori Shohid home	On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road	All Used

Union	Number	Where	Name of river/canal	Operative or not
Municipality	28	At the west of Balijuri High School- c6 culvert Front of North gabergram kalim home On the road of Zalu para Near F.M.High School At the East Balijuri road-3 culvert Fokir para-2 culvert Poschimpara road-2 culvert Bani kunjo Bapari para road Near Powro Folok road Mia Bazar Near Mirza Roshonara school Pokkhi mari road west side of Baisdar madrasha West side of dr.Labu home Near Fokir Brick field Gabergram road-2 culvert Howy road -2 culvert	On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road On the road	All Used
Total=	230			

- **Roads**

Union	Type of Road			Total
	Seasoned Road km	Earthen Road km	Brick/HBB km	
Char Pakerdaha	10 km	63 km	No	73 km
Koroichura	16 km	112 km	No	128 km
Gunaritala	39 km	94 km	No	133 km
Balijuri	7 km	84 km	No	98 km
Jorkhali	19 km	37 km	No	56 km
Adarvita	35 km	107 km	No	142 km
Shidhuli	16s km	80.5 km	1 km	98.5 km
Municipality	21 km	21 km	No	42 km
Total=	163 km	598.5 km	1 km	762.5 km

Details Attachment-09

- **Irrigation system**

Unionwise brief description of irrigation system is given below:

Name of union	number of deep tubewell	number of hand-driven tubewells	number of shallow machines	description of irrigation system
Char Pakerdaha	no	no	3800	Madarganj is a agriculture-based area. Shallow machine is the irrigation system of the area. People of the area cultivates their lands using shallow machines. During the
Koroichura	01	no	3150	
Gunaritala	01	no	4050	
Balijuri	05	no	1500	

Name of union	number of deep tubewell	number of hand-driven tubewells	number of shallow machines	description of irrigation system
Jorkhali	no	no	2200	Irri season, all farmers maintain their irrigation with shallow machines for long 4 months and during Boro season, they irrigates with the same way.
Adarvita	no	no	3500	
Shidhuli	no	no	1250	
Total	7	No	19450	

- **Haat and Bazars**

Union wise brief description is given below:

Union	Number of Bazar			Number of shop	Association
		Name of Place	Name of Day		
Char Pakerdaha	06	Teghuria	Tues & thusday	150	1 businessmen association
		Kualikandi	Sun & Friday	70	1 businessmen association
		Jatakata	Daily	40	No
		Mitaly Bazar	Daily	30	No
		Nobbo Char	Daily	20	No
		Borbila Bazar	Daily	20	No
Koroichura	07	Binod tangy	Tues & Friday	40	No
		Mohisbathan	Tues & Friday	60	Businessmen association
		Gor para	Daily	22	No
		Milon Bazar	Mon & Friday	150	Businessmen association
		Chaileni para	Daily	30	No
		Ghugomary	Daily	40	No
		S.Mohishbathan	Daily	30	No
Gunaritala	03	Gunaritala	Sun & Thusday	100	Businessmen association
		Jangalia	Fri & Monday	50	Businessmen association
		Moslymabad	Tues & Friday	125	Businessmen association
Balijuri	04	Tarta para	Daily	105	No
		Shuknagori	Mon&Thusday	200	Businessmen association
		w. Shuknagori	Mon&Thusday	100	Businessmen association
		Mirzapur	Only Thusday	100	No
Jorkhali	05	Dighol kandi	Mon & Friday	40	Businessmen association
		Char golabari	Mon & Friday	25	Businessmen association

Union	Number of Bazar			Number of shop	Association
		Name of Place	Name of Day		
		Hatmagura	Sat&wednesday	50	No
		Fuljor	Sun & Thusday	10	Businessmen association
		Bara	Sat & Tuesday	60	No
Adarvita	06	Khoyra	Su & wednesday	250	Autorickshaw cooperative association
		Guner bari	Sun&wednesday	100	No
		Bajiter para	Fri & Monday	150	Businessmen association
		Adarvita	Sun & Thuesday	60	Businessmen association
		Char dudiagasa	Mon & Tuesday	40	Workers cooperative association
		Shaterbrig	Mon & Tuesday	170	No
Shidhuli	03	Rayer chora	Wed & Suda	70	Businessmen association
		Shamgonj bazar	Sat & Tuesday	350	Businessmen and workers association
		Amtoly bazar	Mon & Thusday	70	No
Municipality	04	Gaber gram	Fri & Tuesday	70	Businessmen association
		Balijuri	Sa & wednesday	500	Businessmen and shatadal association
		Jonayl	Sat&Wednesday	130	Al Akaba
		Mia bazar	Mon & Tuesday	30	No
Total=	38				

Source of information: Attachment-10

1.4.2 Social resources:

- Unionwise description of houses given below:

Union	Type of House	Made of	Number of total houses	Houses	
				Hut	Concrete house
Char Pakerdaha	Hut and building	Brick, sand, rod, cement, wood, bamboo, tin	6750	6690	60
Koroichura	Hut and building	”	7010	6960	50
Gunaritala	Hut and building	”	6470	6400	70
Balijuri	Hut and building	”	4160	4100	60
Jorkhali	Hut and building	”	4650	4600	50
Adarvita	Hut and building	”	7220	7120	100
Shidhuli	Hut and building	”	4130	4060	70

Union	Type of House	Made of	Number of total houses	Houses	
				Hut	Concrete house
Municipality	Hut and building	”	6300	5950	350
		Total=	46690	45880	810

- **Source of drinking water- tubewell, shallow machine and deep tubewell**

Unionwise brief description of irrigation system is given below:

Name of union	Source of drinking water	Number of tubewells	Number of operative tubewells	Number of inoperative tubewells	Number of tubewells over flood level	Number of usable tubewells during flood	Percentage of residents drink tubewell water
Char Pakerdaha	tubewell	5300	5100	200	3000	2200	100%
Koroichura	tubewell	4800	4650	150	2370	1600	100%
Gunaritala	tubewell	4400	4000	400	3000	2450	100%
Balijuri	tubewell	4150	3720	430	2850	2200	100%
Jorkhali	tubewell	4100	3800	300	2500	1700	100%
Adarvita	tubewell	5750	5300	450	4000	3000	100%
Shidhuli	tubewell	3900	3500	400	2600	1900	100%
Municipality	tubewell	6150	5850	300	4700	4300	100%
	Total=	38550	35920	2630	25020	19350	

- **Sanitation system**

Union wise brief description is given below:

Union	Number of sanitary latrines	Number of latrines above flood level	Number of latrines usable during flood	Users of sanitary latrines (%)
Char Pakerdaha	4600	3240	2850	70%
Koroichura	5200	3600	2800	70%
Gunaritala	5650	4200	3600	56%
Balijuri	4000	3200	2800	70%
Jorkhali	4300	3100	2600	65%
Adarvita	4900	3800	2950	70%
Shidhuli	3100	1950	1500	70%
Municipality	6500	5700	5400	80%
Total=	38250	28790	24500	

- **Education Institution/Labrary**

Union wise brief description is given below:

Union	School/Madrasha/College	Name	Students	Teachers	Location/Ward	Whether used as flood Shelter or not
Char	Govt primary	Qualikandi Govt Primary School	407	7	2	Not Used
		Fazilpur Govt primary	66	10	3	Used

Union	School/Madrasha/College	Name	Students	Teachers	Location/Ward	Whether used as flood Shelter or not
Pakerdaha	School	School				
		Jatakata Govt primary School	582	10	2	Not Used
		Jarkata East Para Govt primary School	200	4	1	Not Used
		Kaoth para Govt primary School	250	4	3	Not Used
		East Teguriya Govt primary School	290	4	2	Not Used
		South Fazilpur Govt primary School	270	4	4	Not Used
		Hidegari West para Govt primary School	280	4	8	Not Used
		Char pakerdaha Govt primary School	364	6	9	Used
		Birpakerdaha Govt primary School	274	6	7	Not Used
		Char Nogor Govt primary School	480	8	7	Not Used
		East Pakerdaha Govt primary School	209	3	7	Not Used
		Nobb Char Govt primary School	662	6	9	Not Used
		East Fazilpur Govt primary School	317	4	6	Not Used
		Pakrul Govt primary School	310	4	1	Not Used
		South Qualikandi Govt primary School	342	4	2	Not Used
		Teguriya Govt primary School	381	4	3	Not Used
		North Nichintopur Govt primary School	260	4	3	Not Used
		Pakerdaha Gunapara Govt primary School	279	4	9	Not Used
		Guthashimla Ruknai Govt primary School	300	4	5	Not Used
		Mathabanga Fredom fighter Govt primary School	245	4	2	Not Used
		Charpakerdaha Middle para Govt primary School	405	4	8	Not Used
		Qualikandi Govt primary School	365	4	2	Not Used
		East Nobbchar Hazi Tomej uddin Govt primary School	190	4	4	Not Used
		South Teguriya Govt primary School	289	4	1	Not Used
		Char Vangbari Govt primary School	200	4	3	Not Used
		Pakrul Surjomukhi Govt primary School	200	4	6	Not Used
		Char Gariya para Govt primary School	233	4	3	Not Used

Union	School/Madrasha/College	Name	Students	Teachers	Location/Ward	Whether used as flood Shelter or not	
		Nithmari Govt primary School	201	4	7	Not Used	
		Govt primary School Char Islamiya	200	4	5	Not Used	
		West Char pakerdaha Govt primary School	200	4	2	Not Used	
		Guthshimla Govt primary School	190	4	1	Not Used	
		Borobila Fokirpara Govt primary School	170	4	2	Not Used	
	Secondary & Lower Secondary & High School		Charpakerdaha Dr.Ab.Jobber High School	203	10	8	Not Used
			NobbChar High School	401	11	2	Not Used
			Khalekuzzaman Academy	533	18	4	Not Used
			K.P H Model High School	226	10	9	Not Used
			Teguriya Lower Secondary Girls School	147	04	5	Not Used
			Alhaj Kubbad Hosen Lower Secondary School	142	04	6	Not Used
			Rabeya Roish Girls Vocational Institute	60	10	3	Not Used
			Jarkata Girls High School	225	10	7	Used
			Jarkata M.L High School	254	11	7	Not Used
	Madrasha		Jarkata Girls Dakhil Madrasha	229	14	7	Not Used
			F.K.T.S.S.M.K.A Dakhil Madrasha	290	13	8	Not Used
			Fazilpur Girls Dakhil Madrasha	257	11	3	Not Used
			Nichintopur Girls Dakhil Madrasha	180	4	2	Not Used
	College		Mozammel Momtaj Women Vocational College	58	6	8	Used
			Teguriaya Shahed Ali School & College	240	7	7	Not Used
Koroichura	Govt Priamry School	West Nochiya Govt Priamry School	326	5	1	Not Used	
		East Nonchiya Govt Priamry School	419	5	3	Used	
		Binudtongi Govt Priamry School	482	7	2	Used	
		Mohishbatan Govt Priamry School	156	4	4	Not Used	
		Char Gujamanika Govt Priamry School	187	4	4	Not Used	
		Mohishbatan Girls Govt Priamry School	185	4	4	Not Used	
		Nolchiya Govt Priamry School	196	4	6	Not Used	
		East Koraichuda Govt Priamry School	263	4	5	Not Used	
		Char Gujamanika Govt	521	6	6	Not Used	

Union	School/Madrasha/College	Name	Students	Teachers	Location/Ward	Whether used as flood Shelter or not
		Priamry School				
		Bagler Gad Govt Priamry School	170	4	3	Not Used
		Char portabaju Govt Priamry School	200	4	2	Not Used
		Nolka Somsher Yousuf Govt Priamry School	200	4	5	Not Used
		West Jotiya para Govt Priamry School	223	6	7	Not Used
		Vangbari Govt Priamry School	419	5	8	Not Used
		Velamari Govt Priamry School	421	6	9	Not Used
		Char Velamari Govt Priamry School	397	4	9	Not Used
		Niribily Govt Priamry School	227	4	9	Not Used
		South Koraichuda Govt Priamry School	392	4	4	Not Used
		Dolirbondo Govt Priamry School	423	4	7	Not Used
		East Bindtongi Govt Priamry School	437	4	3	Not Used
		Boroguna Nogar Johor Govt Priamry School	247	4	2	Not Used
		Gugumary Govt Priamry School	346	4	2	Not Used
		Bagler Gad Govt Priamry School	225	4	7	Not Used
		South Nolchiya Kochim Uddin Govt Priamry School	418	4	1	Not Used
		Boro Vangbari Hazi Riaz Uddin Govt Priamry School	263	4	8	Not Used
		Gad para Nazrul Aziz Govt Priamry School	250	4	3	Used
		West Korachuda Govt Priamry School	427	4	4	Used
		East Jotiya para Govt Priamry School	260	4	3	Not Used
	Secondary & Lower	Mohishbatan R. M High School	385	13	4	Not Used
	Secondary & High School	Gugumary Mirza kashem High School	385	14		Not Used
		Principal Roish Uddin High School	276	11	2	Not Used
		Lal duba High School	205	10	6	Not Used
		Mahmuda Berister Ab.Salam Talukder High School	190	09	8	Not Used
		Gadpara Sheik Fazlul Haque Moni Lower Secondary School	166	05	3	Not Used
		Nolchiya Lower Secondary	163	05	3	Not Used

Union	School/Madrasha/College	Name	Students	Teachers	Location/Ward	Whether used as flood Shelter or not	
		School					
		Char Gujamanika Lower Secondary School	113	05	6	Not Used	
	Madrasha	Bishumon Islamiya Dakhil Madrasha	191	14	4	Not Used	
		Bangladesh Rabeya Siraj Girls Dakhil Madrasha	241	15	9	Not Used	
		Balavrat DarusunnahDakhil Madrasha	155	14	8	Not Used	
		Mohishbatan West para Dakhil madrasha	112	14	4	Not Used	
	College	Hazi Kader Sung Technical College	326	5	5	Not Used	
		Binud Tongi Mohishbatan Dolirbondo Technical School & College	210	4	3	Not Used	
	Gunaritala	Govt Priamry School	North Jorkhali Govt Priamry School	375	5	4	Not Used
			Gunaritola Govt Priamry School	596	8	3	Not Used
Gunaritola Noya para Govt Priamry School			429	6	9	Not Used	
Jorkhali Govt Priamry School			469	6	5	Not Used	
Islamabad Govt Priamry School			437	6	3	Not Used	
Nichintopur Govt Priamry School			288	4	6	Used	
Jonail poximary Govt Priamry School			270	4	7	Used	
Char Gulabari Govt Priamry School			387	6	1	Used	
Katlamary Govt Priamry School			303	4	8	Used	
Amlitola Govt Priamry School			187	5	2	Not Used	
Shingdaha Govt Priamry School			307	6	7	Not Used	
Jangaliya Govt Priamry School			439	6	7	Used	
Solaiman Govt Priamry School			213	4	1	Not Used	
Bakur Char Govt Priamry School			355	4	2	Not Used	
West Muslemabad Govt Priamry School			218	4	5	Not Used	
Shingdaha west para Govt Priamry School			234	4	3	Not Used	
Middle Rayer Jangaliya Govt Priamry School			210	4	7	Not Used	
Rayer jangaliya Govt Priamry School			331	4	7	Not Used	
Bir Gupalpur Govt Priamry			228	4	1	Not Used	

Union	School/Madrasha/College	Name	Students	Teachers	Location/Ward	Whether used as flood Shelter or not
		School				
		West Gunaritola Govt Priamry School	248	4	3	Not Used
		Muslemabad Ageni para Govt Priamry School	235	4	4	Not Used
		East Muslimabad Mali para Govt Priamry School	215	4	2	Not Used
		Char Shingdaha Govt Priamry School	217	4	7	Not Used
		Char bondo Govt Priamry School	230	4	4	Not Used
		North Gunaritola Sultalmahmud Govt Priamry School	271	4	9	Not Used
		North Jonail Govt Priamry School	250	4	8	Not Used
		Jonail Noya para Govt Priamry School	200	4	7	Not Used
		Jonail Govt Priamry School	210	4	2	Not Used
		Char Gupalpur Noya para Govt Priamry School	214	4	3	Not Used
	Secondary & Lower Secondary & High School	Jangaliya D.M High School	296	11	7	Not Used
		Gunaritola High School	455	12	9	Not Used
		Islamabad Wasim Uddin High School	265	11	4	Not Used
		Jonail High School	350	13	4	Not Used
		Muslemabad Nurunnahar Girls High School	264	11	5	Not Used
		Hasan Ali A.R.S.K.G.N Lower Secondary School	184	6	7	Not Used
		Mirza Rouson Ali	315	11	1	Not Used
		Nichintopur katlamary Lower Secondary School	113	6	6	Not Used
		Shingdaha M.J.N Lower Secondary School	124	4	7	Not Used
		Berister Salam Talukder Lower Secondary School	190	4	1	Not Used
	Madrasha	Nichintopur Alim Madrasha	201	19	6	Not Used
		Milon Bazar Vangbary Alim Madrasha	211	24	5	Not Used
		Muslemabad Alim Madrasha	233	19	3	Not Used
		Moyej Uddin Dakhil madrasha	140	15	2	Not Used
		Gupalpur Dakhil Madrasha	206	14	1	Not Used
		K.N Pur Nozimonnecha Dakhil Madrasha	290	13	3	Not Used
		NichintopurGirls Dakhil Madrasha	221	14	6	Not Used
		Gupalpur Dakhil Madrasha	206	14	1	Not Used
		Char Portabaju Dakhil Madrasha	217	13	8	Not Used

Union	School/Madrasha/College	Name	Students	Teachers	Location/Ward	Whether used as flood Shelter or not
		Gunaritola Islamiya Dakil Madrasha	230	4	5	Not Used
	College	Berister AB.Salam Talukder College	89	11	9	Not Used
		Khaja Shah Sufi Younus Ali College	314	25	6	Not Used
		Sekander Ali Agriculture Diploma Institute	83	10	9	Not Used
Balijuri	Govt Priamry School	36 no West Tarta para Govt Primary School	443	05	6	Used
		37 no Tartapara Govt Primary School	510	07	4	Used
		38 no Char Nathagari Govt Primary School	549	04	3	Not Used
		39 no Char Shukhnogory Govt Primary School	467	07	7	Not Used
		West Shukhnogory Govt Primary School	210	4	7	Not Used
		Dip Char Govt Primary School	210	5	6	Not Used
		West Tartapara Shelters Govt Primary School	260	4	7	Not Used
		40 no East Shukh Nogory Govt Primary School	480	05	7	Not Used
		Char Nangla Govt Primary School	255	02	8	Not Used
		Char Suvogacha Govt Primary School	540	04	2	Not Used
		Akram Hosen Baroi para Govt Primary School	549	04	9	Not Used
		Suvogacha Karimuzzaman Govt Primary School	263	04	2	Not Used
		Kamariya Firuza Govt Primary School	290	04	2	Not Used
		Mirzapur Govt Primary School	309	04	1	Not Used
		South Tartapara Govt Primary School	313	04	4	Not Used
		West Char Nangla Govt Primary School	373	4	8	Not Used
	Shukhnogory Govt Primary School	318	04	7	Not Used	
	High School	Tartapara High School	253	10	4	Used
		S.Rafad Uddin Talukder High School	337	10	6	Not Used
	Non-Govt Primay School	SEEDO Primary School (Char Nangla)	135	04	8	Used
	Brac School	Shukhnogory	33	01	৭	Not Used
		Shukhnogory	33	01	৭	Not Used
		Shukhnogory	33	01	৭	Not Used

Union	School/Madrasha/College	Name	Students	Teachers	Location/Ward	Whether used as flood Shelter or not
		Shukhnogory	33	01	৭	Not Used
		Shukhnogory	33	01	৭	Not Used
		Char Boula	33	01	৭	Not Used
	Madrasha	Char Nangla Dakhil Dadrasha	120	13	8	Not Used
	College	Mahmuda Belal BM Technical College	200	15	9	Not Used
Jorkhali	Govt Priamry School	Khilkati Govt Priamry School	367	5	9	Not Used
		Beda Govt Priamry School	427	7	3	Not Used
		Fuljor Govt Priamry School	530	5	7	Not Used
		Chargulabari Govt Priamry School	269	7	6	Used
		Kaziyarchar Govt Priamry School	200	4	8	Not Used
		Betaga Bongabondhu Govt Priamry School	210	4	8	Not Used
		Charfuljor Govt Priamry School	200	4	7	Not Used
		South Digolkandi Govt Priamry School	190	4	9	Not Used
		Digolkandi Govt Priamry School	627	8	1	Not Used
		Char Atamary Govt Priamry School	726	7	4	Not Used
		South Patadaha Govt Priamry School	200	4	3	Not Used
		Hatmagura Govt Priamry School	767	6	3	Not Used
		North Hatbari Govt Priamry School	150	4	5	Not Used
		New Jorkhali Govt Priamry School	251	3	5	Used
		Hatbari Govt Priamry School	170	4	3	Not Used
		Pudabari Chitpara Dulal Aziz Tuzammel Govt Priamry School	160	4	8	Not Used
		South Khamarbari Govt Priamry School	318	4	4	Not Used
		Kukurmari Govt Priamry School	300	4	5	Not Used
		West Fuljor Govt Priamry School	313	4	7	Not Used
		Chandabari Govt Priamry School	311	4	4	Not Used
Ramchandapur Govt Priamry School	480	4	2	Not Used		
Fularpara Govt Priamry	335	4	4	Not Used		

Union	School/Madrasha/College	Name	Students	Teachers	Location/Ward	Whether used as flood Shelter or not	
		School					
		Charjorkhali Govt Priamry School	240	4	2	Used	
		Baroipara Govt Priamry School	308	4	5	Used	
		Jamdaha Govt Priamry School	300	4	3	Used	
		East fuljor Govt Priamry School	200	4	3	Not Used	
		Char gulabari Namapara Govt Priamry School	200	4	3	Not Used	
		South Khilkati Govt Priamry School	159	4	2	Not Used	
	Secondary & Lower Secondary & High School	5 no Union Jahanara High School	273	11		Not Used	
		Fuljor Rahim Jafor High School	361	12	7	Not Used	
		Koladaha Mirza Gulam Mostofa High School	303	10	9	Used	
		Khilkati Ideal Lower Secondary School	163	5	9	Not Used	
		Hatmagura Sheik Rehana Lower Secondary School	165	5	3	Not Used	
		Beda betaga S.M.S.R Lower Secondary School	206	7	3	Not Used	
		Jorkhali High School	300	8	9	Not Used	
	Madrasha	D Alhaz Karimuzzaman Alim madrasha	276	20	7	Not Used	
		Jorkhali Dakhil Dadrasha	240	12	4	Not Used	
	Adarvita	Govt Priamry School	Mukondabari Govt Priamry School	313	4	1	Not Used
			Hemrabari Govt Priamry School	309	6	3	Not Used
			Dudiya gacha Govt Priamry School	267	4	6	Not Used
			Gazariya Govt Priamry School	514	8	2	Not Used
South Gazariya Govt Priamry School			356	6	2	Not Used	
Koyra Govt Priamry School			566	5	7	Not Used	
Patadaha Govt Priamry School			447	7	8	Not Used	
Bashdair Govt Priamry School			459	6	9	Not Used	
Noyapara Govt Priamry School			659	7	4	Not Used	
Polisha Govt Priamry School			286	4	1	Not Used	
Binnafer A.M Govt Priamry School			401	4	5	Not Used	
Dakatiya Govt Priamry School			228	4	9	Not Used	

Union	School/Madrasha/College	Name	Students	Teachers	Location/Ward	Whether used as flood Shelter or not
		West Polisha Govt Priamry School	234	4	1	Not Used
		Nolka North para Govt Priamry School	273	4	6	Not Used
		Bajiter para Govt Priamry School	251	4	1	Not Used
		Pudabari 2 Govt Priamry School	249	4	1	Not Used
		Nogor Govt Priamry School	314	4	6	Not Used
		North patadaha Govt Priamry School	232	4	8	Not Used
		Gunerbari Govt Priamry School	728	4	4	Not Used
		Char koyra Govt Priamry School	224	4	7	Not Used
		Pudabari Govt Priamry School	305	4	1	Used
		Adervita Govt Priamry School	210	4	3	Not Used
		East Bajiterpara Govt Priamry School	210	4	2	Not Used
		Secondary & Lower Secondary & High School	patadah koyra High School	666	15	8
	Polisha High School		511	14	1	Not Used
	Adervita Girls High School		210	11	6	Not Used
	M.J Gitikar N.I.Babu Lower Secondary School		181	05	3	Not Used
	GiyasUddin Lower Secondary School		170	05	5	Not Used
	Koyra S.S.B.D. Lower Girls School		133	5		Not Used
	Madrasha	B Sobedjan Samironnecha Alim Madrasha	242	17	7	Not Used
		Sanaibanda Islamiya Dakhil Madrasha	251	15	9	Not Used
		Hemrabari M.A Rashid Dakhil Madrasha	196	14	2	Not Used
	College	Mirza Azom College	357	57	6	Used
Shidhuly	Govt Priamry School	Muzata Govt Priamry School	750	9	1	Not Used
		Char Vatiyamari Govt Priamry School	368	5	4	Not Used
		Char Lutabor Govt Priamry School	593	7	8	Not Used
		Sadrabari Govt Priamry School	351	7	9	Not Used
		Modongupal Govt Priamry School	361	4	5	Not Used
		North Char Vatiyan Govt Priamry School	381	4	3	Not Used
		Shiduly Govt Priamry	210	4	7	Not Used

Union	School/Madrasha/College	Name	Students	Teachers	Location/Ward	Whether used as flood Shelter or not
		School				
	Secondary & Lower Secondary & High School	R.S Model Academy	278	13		Not Used
		Lutabor Cheratonnecha High School	294	10	6	Not Used
		Shemgonj High School	1016	20	7	Used
	Madrasha	Char Lutabor Dakhil Madrasha	165	14		Not Used
Municipality	Govt Primary School	North Char Boula Govt Primary School	147	6	1	Not Used
		Char boula Govt Primary School	257	4	1	Not Used
		Char Chadpur Osmangoni Govt Primary School	235	4	1	Not Used
		West Fokir para Balijuri Govt Primary School	307	4	4	Not Used
		Chadpur Sandajan Govt Primary School	487	7	2	Not Used
		Chadpur Govt Primary School	300	4	2	Not Used
		Muslemakhatun Govt Primary School	210	4	4	Not Used
		Kamarpara Govt Primary School	190	4	3	Not Used
		Gaber gram Govt Primary School	446	7	3	Not Used
		South Gaber gram Govt Primary School	230	4	3	Not Used
		Bonchitoliya Govt Primary School	227	4	3	Not Used
		Balijuri West para Govt Primary School	238	4	5	Used
		Balijuri Govt Primary School	343	7	5	Not Used
		Mirza Kashem Mordan Govt Primary School	372	7	6	Not Used
		Banikunj Govt Primary School	224	4	6	Not Used
		Jonail Noya para Govt Primary School	288	6	7	Not Used
		Jonail Govt Primary School	241	6	7	Not Used
		South Jonail Govt Primary School	225	4	7	Not Used
		Birgupalpur Govt Primary School	349	4	7	Not Used
		Chalely para Govt Primary School	258	4	8	Not Used
		Jonail Pujagat Govt Primary School	332	4	9	Not Used
		North Char Boula Govt Primary School	230	4	1	Not Used
South West Gaber gram Govt Primary School	210	4		Not Used		

Union	School/Madrasha/College	Name	Students	Teachers	Location/Ward	Whether used as flood Shelter or not
		Jonail Chalely para Govt Primary School	190	4	2	Not Used
	High School	Balijuri F.M High School	395	08	3	Used
		Balijuri R.A Govt High School	395	8	3	Not Used
		Madergonj A M Pilot High School	264	26	4	Used
		Jonail Noya para Fatema Khan Mahmud High School	400	16	5	Not Used
	Madrasha	Madergonj A.A.M.K Fazil Madrasha	194	17	6	Not Used
		Balijuri S.M Fazil Madrasha	170	15	9	Not Used
		Jonail Shahatul Dakhil Madrasha	147	6	1	Not Used
		Jonail Noya para K.K Dakhil Madrasha	257	4	1	Not Used
	College	Madergonj A. H.Z Govt College	151	19	4	Used
		Nuronnahar Mirza Kashem Girls College	305	37	2	Used

- **Religious Institution** –Mosques 495, Temples-12, Church -0.

Union wise brief description is given below:

Union	Name of Religious Institution	Number	Location/Ward
Char Pakerdaha	Mosque	80	7
			6
			7
			12
			10
			6
			9
			12
		11	
	Temple	1	1
	Church	no	
Koroichura	Mosque	60	8
			7
			8
			5
			4
			9
			8
			5
			6

Union	Name of Religious Institution	Number		Location/Ward
	Temple	no		
	Church	no		
Gunaritala	Mosque	75	10	1 no Ward
			8	2 no ward
			9	3 no Ward
			7	4 no ward
			8	5 no ward
			7	6 no Ward
			11	7 no Ward
			5	8 no Ward
			10	9 no ward
		Temple	no	
	Church	no		
Balijuri	Mosque	54	10	1 no Ward
			7	2 no Ward
			6	3 noWard
			4	4 no Ward
			5	5 no Ward
			7	6 no Ward
			6	7 no Ward
			6	8 no Ward
			3	9 no Ward
		Temple	no	
	Church	no		
Jorkhali	Mosque	46	3	1 no ward
			2	2 no ward
			5	3 noWard
			9	4 no Ward
			7	5 no Ward
			6	6 no Ward
			5	7 no Ward
			6	8 no ward
			3	9 no Ward
		Temple	no	
	Church	no		
Adarvita	Mosque	65	6	1 no Ward
			6	2 no Ward
			7	3 no Ward
			8	4 no ward
			9	5 no Ward
			7	6 no Ward

Union	Name of Religious Institution	Number		Location/Ward
			9	7 no ward
			6	8 no Ward
			7	9 no Ward
	Temple	3	1	7 no ward
			1	6 no ward
	Church	no	1	4 noWard
Shidhuly	Mosque	50	5	1 no Ward
			4	2 no Ward
			4	3 no Ward
			3	4 no ward
			8	5 no Ward
			3	6 no Ward
			5	7 no ward
			8	8 no Ward
			10	9 no ward
	Temple	8	5	2 no Ward
			1	3 no ward
			2	1 no ward
	Church	no		
Municipality	Mosque	70	8	1 no ward
			7	2 no ward
			9	3 no ward
			6	4 no ward
			9	5 noward
			8	6 no ward
			6	7 no ward
			8	8 no ward
			9	9 no ward
	Temple	3	1	5 no ward (Balijuri)
			2	3 no ward (gabergram)
	Church	no	no	

• **Religious congregation space (Eidgah)**

Unionwise brief description is given below:

Name of Union	Name of religious Institution	Number		Location/ward
Char Pakerdaha	Eidgah Field	6	2	No 1 Ward
			1	No 3 ward
			1	No 5 ward

Name of Union	Name of religious Institution	Number		Location/ward
			2	No 8 ward
Koroichura	Eidgah Field	9	1	Gugumari
			1	Fokirbari
			1	Lalduba
			1	ilsemari
			1	Mohishbatal
			1	Milon Bazar
			1	Dolybonda
			1	Shalabanda
			1	Vangbari
Gunaritala	Eidgah Field	7	1	Nichintopur
			1	Katlamari
			2	Muslemabad
			1	Gunaritala west para
			1	Gunaritala East Side of River
			1	Gunaritala East Side of River
Balijuri	Eidgah Field	7	2	Shukhnogori
			2	Tartapara
			2	Charboula
			1	Mirzapur
Jorkhali	Eidgah Field	11	1	Digolkandi
			1	Ramchandapur
			1	Beda betaga
			2	Gulabari
			1	Khamarbari
			1	Jorkhail
			1	North Hatmagura
			1	South Hatmagura
			1	Khilkati
			1	Fuljor
Adarvita	Eidgah Field	9	1	Bisdar
			1	Gunerbari
			1	Bajiterpara
			1	Gazariya
			1	Koyra

Name of Union	Name of religious Institution	Number		Location/ward
			1	Patadaha
			1	Sanaibanda
			1	Fokirpara
			1	Shemgonj
Shidhuly	Eidgah Field	7	1	Charlutabor
			1	Rayershara
			1	Modongupal
			1	CharVatiyan
			1	Bir Vatiyan
			1	Guna Modongupal
			1	Char Nandina
Municipality	Eidgah Field	10	1	No 1Ward
			1	No 2 ward
			1	No 3 ward
			2	No 4 ward
			1	No 5 ward
			1	No 6 ward
			1	No 7 ward
			1	No 8 ward
			1	No 9 ward
Total =		66		

- **Health service** –Upazila Health Complex 1, Union Sub-Health Center 04, family welfare center 03, Non Government Health center -2 & Community clinic-32

Unionwise brief description is given below:

Union	Name of Health Service Institution	Whether there is health and family welfare center	Whether there is non government health center	Number of Health Service	Location	Number of Doctor/ Health Assistant	Number of Nurse	Quality of Service
Char Pakerdaha	Community Clinic	Have	no	5	Teguriya Sub-Health Center	1	no	Pregnant mother and maternity health services and various suggestions are provided
					Charpakerdaha	1		
					CharNogor	1		
					Qualikandi	1		
					Jarkata	1		
Koroichura	Community Clinic	Have	no	6	Binudtongi Family welfare	1	no	Pregnant mother and maternity

Union	Name of Health Service Institution	Whether there is health and family welfare center	Whether there is non government health center	Number of Health Service	Location	Number of Doctor/ Health Assistant	Number of Nurse	Quality of Service
					Center Velamari Westjotiyar para Gorpara Lal duba Vangbari	1 1 1 1 1		health services and health awareness is to provide advice on a variety of issues.
Gunaritala	Community Clinic	Have	no	7	Muslemabad Sub-Health Center Nichintopur Gupalpur Jonail Gunaritala Jangaliya North Jorkhali	2 1 1 1 1 1	no	Pregnant mother and maternity health services and health awareness is to provide advice on a variety of issues.
Balijuri	Community Clinic	Have	no	3	Shukhnogori Shukhnogori west Tarapara	1 1 1	no no no	Pregnant mother and maternity health services and health awareness is to provide advice on a variety of issues.
Jorkhali	Community Clinic Community Clinic	Have Have	no no	4	Digolkandi Betaga koladaha Jamdaha	1 1 1 1	no no	Pregnant mother and maternity health services and health awareness is to provide advice on a variety of issues.
Adarvita	Community Clinic	Have	no	7	Patadaha Sub Health Center Dudiyagacha Gunerbari Baisdar	1 1 1 1	no	Pregnant mother and maternity health services and health awareness is to provide advice on a variety of
	Community Clinic	Have	no		Mukondabari Bajiterpara	1 1	no no	a variety of

Union	Name of Health Service Institution	Whether there is health and family welfare center	Whether there is non government health center	Number of Health Service	Location	Number of Doctor/ Health Assistant	Number of Nurse	Quality of Service
					Adarvita Family welfare Center	1	no	issues.
Shidhuly	Community Clinic	Have	no	5	Pudabari Family welfare Center	1	no	Pregnant and maternity health care and to provide advice on the various issues.
					Shiduli Sub Health Center	1		
					Charlutabor	1		
					CharVatiyan	1		
					Hatbari	1		
Municipality	Upazila Healt Complex ,Community Clinic	Have	Altasrif general Hospital ,Almodina Diagnes tic Center	5	Balijuri Bazar	9	12	Maternity, Normal delivery, Outdoor, Indoor, Emergency
					Gaber gram	1		
					Chargaber gram	1		
Total =	1	03	2	42				

- Banks**

Number of total banks- 14 (Sonali Bank-1, Krishi Bank-3, Janata Bank- 2, Agrani Bank- 1, Rupali Bank- 1, Grameen Bank- 4, Brac Bank-1 and Kormoshongsthan Bank-1)

Unionwise brief description is given below:

Name of union	Name of bank	number	location	service
Char Pakerdaha	no bank			
Koroichura	Krishi Bank	1	Milon Bazar	Agricultural loans are disbursed
	Grameen Bank	1	Milon Bazar	Agricultural and business loans are disbursed
	Brac Bank	1	Mohishbathan	Agricultural and business loans are disbursed
Gunaritala	Grameen Bank	1	Gunaritala	Agricultural loans are disbursed among destitutes and business loans are provided among businessmen
Balijuri	No bank			
Jorkhali	Grameen Bank	1	Golabari	Agricultural and business loans are disbursed on low

Name of union	Name of bank	number	location	service
				interest
Adarvita	Rupali Bank	1	Koyra	Agricultural and business loans are disbursed
	Grameen Bank	1	Adarvita	
Shidhuli	Krishi Bank	1	Shyamganj Kalibari	Agricultural loans are disbursed
Municipality	Sonali Bank	1	Balijuri Bazar	Agricultural loans are disbursed among destitutes
	Kormoshongsthan Bank	1	Balijuri Bazar	Business loans are disbursed among businessmen and loans are provided to unemployed youths
	Krishi Bank	1	Balijuri Bazar	Agricultural loans are disbursed
	Janata Bank	2	Balijuri Bazar	Agricultural and business loans are disbursed on low interest
	Agrani Bank	1	Balijuri Bazar	Agricultural and business loans are disbursed on low interest
	Total=	14		

- **Post office**

Total post office -26.

Unionwise brief description is given below:

Name of Union	Number of Post office	Location	Service
Char Pakerdaha	3	1.Teguriya,2.Jarkata, 3.Charpakerdaha	Letters are Exchanged daily
Koroichura	5	1.BinudTongi,2.Momenabad, 3.Mohishbatan, 4.CharGujamanika, 5.Milon Bazar .	Letters are Exchanged daily
Gunaritala	5	1.Muslemabad,2.Milonbazar, 3.Gunaritala,4.Jangaliya 5.Jonail Noya para	Urgent letters were exchanged
Balijuri	1	1.Tartapara	Urgent letters were exchanged
Jorkhali	3	1.Digolkandi 2.Fuljor 3.Chargulabari	Urgent letters were exchanged
Adarvita	4	1.Adarvita 2.Polisha 3.Patadaha 4.Gunerbari	Urgent letters were exchanged
Shidhuli	2	1.Rayershara	Urgent letters were

Name of Union	Number of Post office	Location	Service
		2.Gunerbari	exchanged
Municipality	3	1.Balijuri 2.Madargonj 3.Jonail	Urgent letters were exchanged
Total=	26		

- **Club/cultural center**

Unionwise brief description is given below:

Name of union	name of club/cultural center	number	location	Are those involved in social service or social development works or not
Char Pakerdaha	Football club	3	Teghoria Jhatakata Charpakerdaha	Involved in different social development works
Koroichura	Football club	1	Lalduba Mohishbathan	Involved in different social development works
Gunaritala	Football club	1	Gunaritala Bazar	Involved in sports and different social development works
Balijuri	Football club	1	Tartapara	Involved in sports and different social development works
Jorkhali	Football club	1	Koladaha high school	Involved in sports and different social development works
Shidhuli	Futonto Koli Club	2	Charnandina Hatbari	Involved in different social development works
	Ashar Alo Football club			
Municipality	Melar Math	1	Balijuri	Being used as a center of different cultural programs
	Udoyon Shangskriti Kendra	1	Balijuri Bazar	Different cultural programs are staged
	Shishu Dhoni	1	Balijuri Bazar	Different cultural programs are staged
Total		13		

- **NGO/Voluntary Organizations**

Total NGOs-12, Unionwise description is given in the table below

Sl.No	Name of Union	NGOs	What do They work about	Number of Beneficiaries	Duration of projects
1	Charpakerdaha	Unnayan Sangha(SHOU HARDO Program)	1.Agriculture, 2.Health & Nutrition 3.Education, 4.Empowerment of women & Adolescents,	300	Four years

Sl.No	Name of Union	NGOs	What do They work about	Number of Beneficiaries	Duration of projects
			5.Disaster Management.		
2		Dhaka Ahsaniya Mission	Agriculture & livestock	350	Two years
3		Brac wash	Sanitation	100	Three years
4	Koroichura	Unnayan Sangha	1.Agricultur, 2.Health & Nutrition	100	Four years
5	Gunaritala	Brac wash	Sanitation	120	Three years
6		Asha	Micro Credit Activities	400	Will Continuously
7		Dhaka Ahsaniya Mission	Social Development Activities	90	Three years
8		Brac	Micro Credit Activities	370	Will Continuously
9	Balijuri	Unnayna Sangha(SHOU HARDO Program)	1.Agricultur, 2.Health & Nutrition 3.Education, 4.Empowerment of women & Adolescents, 5.Disaster Management.	3066	Four years
10		Brac	Wash Latrine	400	Three years
11		Dhaka Ahsaniya Mission	About Agriculture	1200	Three years
12		SEEDO,Jamalpur	Education & Health	1100	Will Continuously
13		Simbaosis	Education Program	120	Three years
14	Jorkhali	Unnayna Sangha(SHOU HARDO II Program)	1.Agricultur, 2.Health & Nutrition 3.Education, 4.Empowerment of women & Adolescents, 5.Disaster Management.	4000	Four years
15		SDF	Loan Activities	2000	Will Continuously
16	Adarvita	Brac	Loan Activities	520	Will Continuously
17		Asha	Loan Activities	150	Will

Sl.No	Name of Union	NGOs	What do They work about	Number of Beneficiaries	Duration of projects
					Continuously
18		Proges	Loan Activities	100	Will Continuously
19	Shiduli	Brac Wash	Sanitary latrine	520	Will Continuously
20		Sanirbor Bangladesh	VGD Activities	326	Two years
21		SSS	Loan Activities	100	Will Continuously
22		Char Vatiyan Protiva Somaj Kollan Songstha	Loan, Education & Health	400	Will Continuously
	Total=	12		15832 person	

- **Play grounds- 47**

Unionwise description is given below:

Name of union	Number of play grounds	Location	Whether used during disaster or not	How
Char Pakerdaha	6	1 Teguria	Used	Used as shelter center of cattle and people
		1 Jatakata	Used	
		1 Kualikandi	Used	
		1 CharPakerdaha	Used	
		1 Nobboy char	Used	
		1 Mitali Bazar	Used	
Koroichura	3	1 Mohisbathan	Used	Used as shelter center of cattle and people
		1 Ghugumari	Not used	
		1 Lalduba	Not used	
Gunaritala	6	1 Jangalia	Used	Used as shelter center of cattle and people
		1 Gunaritala	Used	
		1 Jurkhali	Used	
		1 Gopalpur	Used	
		1 Bajiter para	Not used	
		1 Shinha dha	Not used	
Balijuri	8	1 Tartapara	Used	Used as shelter center of cattle and people
		1 Mirzapur	Used	
		1 Shuknogori	Used	
		1 WestShuknogor	Used	
		1 Nadagari	Used	
		1 Char bowla	Used	
		1 Nangla	Used	
		1 EstShuknogori	Used	
Jorkhali	4	1 Char golabari	Used	Used as shelter center of cattle and people
		1 koladaha	Used	
		1 Fuljor	Used	
		1 Hatmagura	Used	

Name of union	Number of play grounds		Location	Whether used during disaster or not	How
Adarvita	4	1	Patadaha	Used	Used as shelter center of cattle and people
		2	Polisha	Used	
		3	Bajiter para	Used	
		4	Guner bari	Used	
Shidhuli	4	1	Shamgonj kalibari	Used	Used as shelter center of cattle and people
		1	Char Lotabor	Used	
		1	Hat bari	Used	
		1	Moja hata	Used	
Municipality	12	3	Balijuri	Used	Used as shelter center of cattle and people
		2	Grabergram	Used	
		4	Jonail	Used	
		3	Char Bowla	Not used	
Total=	47				

- Graveyard/funeral ground- graveyard 28, funeral ground- 4

Unionwise description is given in the table below:

Name of Union	Graveyard		whether above flood level	Funeral ground		whether above flood level
	Number	Location		Number	Location	
Charpakerdaha	3	Fazilpur, Charpakerdaha, Teguriya	Below flood level	1	Jarkata	Above flood level.
Koroichura	3	Gugumari,Nolchiya,Baglergor	Below flood level			
Gunaritala	2	Gunaritala,Jangaliya	Below flood level			
Balijuri	11	Shukhnogori	Below flood level			
Jorkhali	4	Beda-Betaga,Fuljor, Digolkandi,Koladaha	Above flood level			
Adarvita	2	Koyra,Nogor	Above flood level	1	Koya	Above flood level
Shiduli	1	Modongupal	Above flood level			
Municipality	2	Balijuri,Gaber Gram	Above flood level	1	Balijuri palpara	Above flood level
				1	Guser gram	
Total=	28			4		

- **Communication and transportation**

Unionwise description is given in the table below:

Name of Union	Way of communication with the district/ upazila	What types of vehicles used	Name and number of vehicles used in the Union	
			Name of Vehicle	Number
Charpaker daha	Bus, Truck, Motorcycle, CNG, Auto rickshaw & Boat	Bus, Truck, Motorcycle, CNG, Auto rickshaw & Boat	Auto	80 (Changeable)
			fighter	30 (Changeable)
			Motorcycle	200(Changeable)
			Horse cart	100(Changeable)
			Rickshaw	50(Changeable)
Koroichura	Bus, Truck, Motorcycle, CNG, Auto rickshaw & Boat	Auto, Motorcycle, Rickshaw, Van, Bicycle	Auto	52 (Changeable)
			Motorcycle	120(Variable)
			Rickshaw	45(Changeable)
			Van	22(Changeable)
			bicycle	32(Changeable)
Gunaritala	Bus, Truck, Motorcycle, CNG, Auto rickshaw & Boat	Rickshaws, Motorcycle, bus, Nochimon, Auto	Auto	14(Changeable)
			Rickshaws	100(Variable)
			Motorcycle	250(Changeable)
			bus	20(Changeable)
			Nochimon	80(Changeable)
Balijuri	Bus, Truck, Motorcycle, CNG, Auto rickshaw & Boat, Horse cart	bicycle, Motorcycle, Van, Auto Rickshaws, Auto, Horse car, Rickshaws	Rickshaws	30(Changeable)
			byecycle	235(Changeable)
			Motorcycle	87(Changeable)
			Van	18(Variable)
			Auto Rickshaws	5(Changeable)
			Auto	20(Changeable)
			Horse cart	105(Changeable)
Jorkhali	Motorcycle, CNG, Auto Rickshaws & Boat	Nochimon, Motorcycle, bicycle, Rickshaws, Auto	Auto	24(Changeable)
			Nochimon	15(Changeable)
				5(Changeable)
			Motorcycle	150(Changeable)
			bicycle	200(Changeable)
Adarvita	Bus, Truck, Motorcycle, CNG, Auto rickshaw & Boat	Motorcycle, rickshaws, Van, Auto rickshaws,	bus	5(Changeable)
			Motorcycle	100(Changeable)
			rickshaws	150(Changeable)
			Van	100(Changeable)
			Auto	15(Changeable)
Shiduli	Bus, Truck, Motorcycle, CNG, Auto rickshaw & Boat	bus, Track, Motorcycle, Nochimon, Rickshaws, Van, Horse car	bus	3(Changeable)
			Auto	20(Changeable)
			Motorcycle	200(Changeable)
			Nochimon	100(Changeable)
			Rickshaws	50(Changeable)
			Van	150(Changeable)
			Horse cart	70(Changeable)
Municipality	Bus, Truck, Motorcycle, CNG, Auto rickshaw &	Rickshaws, Van,	Auto	250(Changeable)
				100(Changeable)

Name of Union	Way of communication with the district/upazila	What types of vehicles used	Name and number of vehicles used in the Union	
			Name of Vehicle	Number
	Boat	Cow car, Horse car	Motorcycle	500(Changeable)
			Van	150(Changeable)
			cow car	30(Changeable)
			Horse cart	20(Changeable)
			Rickshaws	120(Changeable)
Total=				4247

- **Forest and forestation**

Unionwise brief description is given below:

Name of union	Ownership			Name of trees
	local government	NGO	Person	
Char Pakerdaha	no	no	32 percent	Ucaliptus, Mehagani, Mango, Berry, Jackfruit etc.
Koroichura	no	no	96 percent	Ucaliptus, Mehagani, Mango, Berry, Jackfruit etc.
Gunaritala	no	no	277 percent	Ucaliptus, Mehagani, Mango, Berry, Jackfruit, Banyan, Shimul, Akashmoni, Boroi, Shishu, Guava, Tamarind, Lichy, Jamrul etc.
Balijuri	no	no	1152percent	Ucaliptus, Mehagani, Mango, Berry, Jackfruit, Banyan, Shimul, Akashmoni, Boroi, Shishu, Guava, Tamarind, Lichy, Jamrul etc.
Jorkhali	no	no	32 percent	Ucaliptus, Mehagani, Mango, Koroii etc.
Adarvita	no	no	36 percent	Ucaliptus, Mehagani, Mango, Berry, Jackfruit, Banyan, Shimul, Akashmoni, Boroi, Shishu, Guava, Tamarind, Lichy, Jamrul etc.
Shidhuli	no	no	77 percent	Ucaliptus, Mehagani, Mango, Berry,

Name of union	Ownership			Name of trees
	local government	NGO	Person	
				Jackfruit, Banyan, Shimul, Akashmoni, Boroi, Shishu, Guava, Tamarind, Lichy, Jamrul etc.
Municipality	no	no	no	
Total=			1702 percent	

Source of information: Attachment-10

1.4.3 Weather and climate

• Rainfall

Name of district/upazila	Total rainfall	Rainfall in different seasons	Is there any change or not
Jamalpur/Madarganj	Annual ration=52mm(2013)	Robi season=1.4 mm, Kharip-1=77.75 mm Kharip-2=102 mm	Rainfall was less in Robi season and during Kharip-1 and Kharip-2 it was more

• Temperature

Name of upazila	Temperature in different seasons	Is there any change or not
Jamalpur/Madarganj	<p>1. Robi season</p> <p>November= First 15 days 24.0 degree celcius Second 15 days 22.3 degree celcius</p> <p>December= First 15 days 22.03 degree celcius Second 15 days 17.22 degree celcius</p> <p>January= First 15 days 14.6 degree celcius Second 15 days 17.0 degree celcius</p> <p>February= First 15 days 20.3 degree celcius Second 15 days 21.7 degree celcius</p> <p>March= First 15 days 22.5 degree celcius Second 15 days 24.5 degree celcius</p> <p>2. Kharip-1</p> <p>April= First 15 days 27.9 degree celcius Second 15 days 27.7 degree celcius</p> <p>May= First 15 days 26.3 degree celcius Second 15 days 29.66 degree celcius</p> <p>June= First 15 days 31.07 degree celcius Second 15 days 31.67 degree celcius</p>	Temperature was low during Robi season. It was high during Kharip-1 and Kharip-2.

Name of upazila	Temperature in different seasons	Is there any change or not
	July= First 15 days 30.67 degree celcius Second 15 days 30.78 degree celcius 3. Kharip-2 August= First 15 days 29.90 degree celcius Second 15 days 30.03 degree celcius September= First 15 days 30.7 degree celcius Second 15 days 30.1 degree celcius October= First 15 days 29.17 degree celcius Second 15 days 27.34 degree celcius	

Source of information: Attachment-10

- **Water level of underground**

Description	How deep water level is	Any change of underground water level is noticed or not	which was before	Crises of drinking water or irrigation water in dry season occur or not
Underground water level	50 feet	Yes, water level is going down day by day	35 feet	Crises of drinking water and irrigation water occur during dry season as it goes down

Source of information: Attachment-10

1.4.4 Others

- Land and use of land

Unionwise brief description is given below:

Name of upazila	Total cultivable land	Uncultivated land at present	Uncultivated cultivable land	One-crop	Two-crop	Three-crop	Net cultivable land	Land of char area	Total cropland
Madar ganj	21270 h	595 h	670 h	1200 h	8390 h	10435 h	20025 h	11700 h	49285 h

Unionwise land and use of land

Name of union	Total land, hectare	Cultivable				Uncultivated, hectare	Residence, hectare
		One crop, hectare	Two crops, hectare	Three crops, hectare	Total hectare		
Charpakerdaha	3282	70	1600	1126	2796	121	365
Koroichura	2958	70	1805	680	2555	89	314

Name of union	Total land, hectare	Cultivable				Uncultivated, hectare	Residence, hectare
		One crop, hectare	Two crops, hectare	Three crops, hectare	Total hectare		
Gunaritala	3115	130	1270	1260	2660	118	337
Balijuri	5296	640	2002	1365	4007	483	806
Jorkhali	4653	370	2025	1575	3970	140	543
Adarvita	2905	304	1765	500	2569	86	250
Shiduli	1756	80	960	420	1460	66	230
Municipality	650	50	No	200	250	300	100
Total=	24615	1714	11427	7126	20267	1403	2945

Note- Total land has been increased as land of many farmers of Madarganj upazila were remaining in adjacent upazila.

Source of information: Attachment-10

- **Agriculture and food**

Main crops	Statistics of production(%)	Information of damage	Main foods	Food habit
Paddy, jute, wheat, chili, vegetables	Paddy 81% Jute 1.5% Wheat 4% Vegetables 8%	Paddy 20% Jute 5% Wheat 1% Vegetables 2%	Rice, fish, dal	Rice, fish, dal

- **Rivers**

Any river flowing across or by side of the upazila or not	Number	Merits	Demerits
1. Jamuna river 2. Jhatkata river	2	Communication system becomes easy, fishes are caught from river, jute can be kept for being rotten in river water, cattle can be washed up, cattle drink river water, river water is used for irrigation.	Due to river-erosion, houses, crops, cattle and public life is massively affected and irrigation is hampered during dry season

- **Pond**

Name of union	Number of ponds	Uses	Usefulness
Charpakerdaha	210	200	Fish can be cultivated in pond. Selling excess fish in market after meeting family demand, poverty can be reduced. The family can be solvent. Bath can be taken with pond water. Unemployed youths can be self-sufficient through fish farming after taking training and unemployment problem can be solved.
Koroichura	260	230	
Gunaritala	215	200	
Balijuri	231	210	
Jorkhali	95	60	
Adarvita	222	205	
Shidhuli	242	230	
Municipality	75	60	
Total=	1550	1395	

- **Canal**

Name of union	Any canal is flown across or by side of the union or not	Number	Merits	Demerits
Charpakerdaha	1. Hidegari, 2. Koalikandi, 3. Nischintapur, 4.	6	Fishes can be caught in canals and irrigation can	There is no

Name of union	Any canal is flown across or by side of the union or not	Number	Merits	Demerits
	Nabbochar, 5. Birpakerdaha, 6. Fazilpur		be with canal water. Extra rain and flood water can go out through canal	demerit of canal
Koroichura	1. Ghughumari, 2. Binodtongi, 3. Ilsemari, 4. Mohishbathan, Vangbari	5	Fishes can be caught in canals and irrigation can be with canal water. Extra rain and flood water can go out through canal	There is no demerit of canal
Gunaritala	1. Rayer Jangalia, 2. Katlamari, 3. Chiravita, 4. Hemrabari, 5. Kularpara	5	Fishes can be caught in canals and irrigation can be with canal water. Extra rain and flood water can go out through canal	There is no demerit of canal
Balijuri	1. From Balijuri to Shukhnagari, 2. From Shuvogachha to Paschim Shukhnagari, 3. From Pourashava gate to Hatmagura	3	Fishes can be caught in canals and irrigation can be with canal water. Extra rain and flood water can go out through canal	There is no demerit of canal
Jorkhali	1. From Khamarmagura to Koladoho, 2. From Kamarpara to Hatmagura	2	Fishes can be caught in canals and irrigation can be with canal water. Extra rain and flood water can go out through canal	There is no demerit of canal
Adarvita	1. From Fakirpara via Shater Bridge to Dakatia, 2. From Bera to Chardudhiagachha, 3. From Baishdar to Chardudhiagachha	3	Fishes can be caught in canals and irrigation can be with canal water. Extra rain and flood water can go out through canal	There is no demerit of canal
Shidhuli	1. From Modongopal to Charlotabor, 2. From Charvatiani to Shidhuli	2	Fishes can be caught in canals and irrigation can be with canal water. Extra rain and flood water can go out through canal	There is no demerit of canal
Municipality	No canal			
Total=		26		

• **Waterbodies**

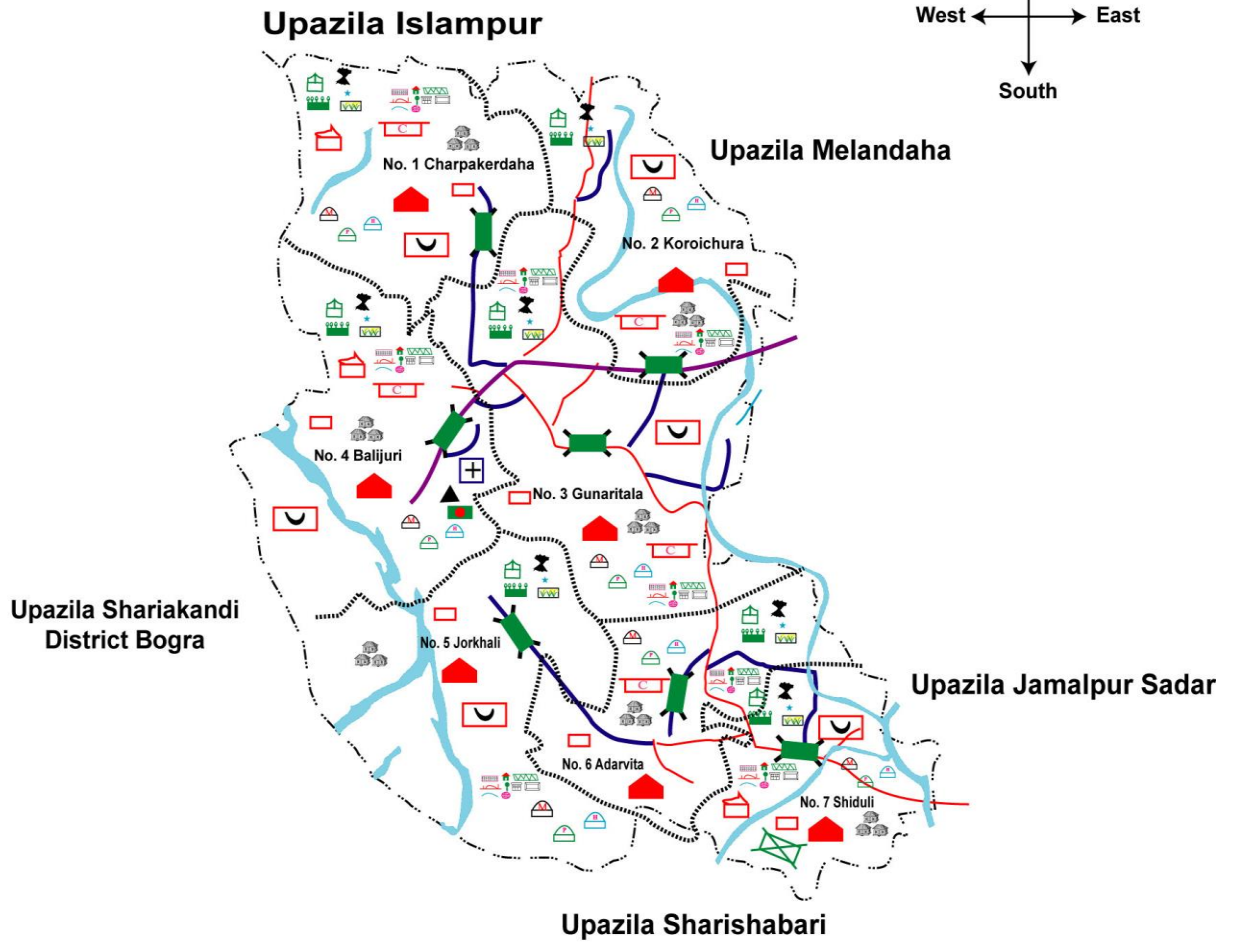
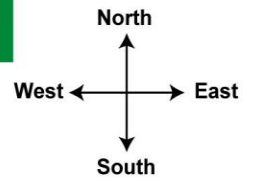
Name of union	Number	Uses	Usefulness
Charpakerdaha	1	Used all the year round	Fish farming is possible in waterbodies and cattle can be washed. Water of waterbodies can be used for irrigation.
Koroichura	1	Used all the year	Fish farming is possible in waterbodies

Name of union	Number	Uses	Usefulness
		round	and cattle can be washed. Water of waterbodies can be used for irrigation.
Gunaritala	3	Used all the year round	Fish farming is possible in waterbodies and cattle can be washed. Water of waterbodies can be used for irrigation.
Balijuri	3	Used all the year round	Fish farming is possible in waterbodies and cattle can be washed. Water of waterbodies can be used for irrigation.
Jorkhali	2	Used all the year round	Fish farming is possible in waterbodies and cattle can be washed. Water of waterbodies can be used for irrigation.
Adarvita	No		
Shidhuli	5	Used all the year round	Fish farming is possible in waterbodies and cattle can be washed. Water of waterbodies can be used for irrigation.
Municipality	1	Used all the year round	Fish farming is possible in waterbodies and cattle can be washed. Water of waterbodies can be used for irrigation.
Total=	16		

Source of information: Attachment-10

Map of Madarganj Upazila

Upazila Madarganj, District Jamalpur



1. Area of the Upazila		12. Upazila Parishad		23. Forestation	
2. Area of the Union		13. Post Office		24. Haat/Bazar	
3. Concrete Road of the Upazila		14. Primary School		25. Shelter Center	
4. Concrete Road of the Union		15. High School		26. Grave Yard	
5. River		16. College		27. NGO/Bank/Insurance	
6. National Road		17. Madrassa		28. Play Ground	
7. Union Parishad		18. Community Clinic		29. Canal	
8. Bridge/Culvert		19. Temple		30. Water Body	
9. Sluis Gate		20. Mosque		31. Pond	
10. Residence		21. Eidgah Ground		32. School Cum Shelter	
11. Upazila Health Complex		22. Agriculture Land		33. Police Station	
				34. Embankment	

Second chapter: disaster, troubles and falling in troubles

2.1 Overall history of disaster

Madarganj is one of the major disaster-prone upazilas of Jamalpur district. Every year, the upazila face any of the disasters. In different disasters including flood, river erosion, drought, hail storm, excessive rainfall, norwester and cold waves, normal life of people and different animals becomes disrupted and resources are massively damaged. As the upazila is on the bank of the Jamuna River and there is no necessary embankment, large area becomes submerged and lands are going in the garb of river due to river-erosion. The area is always affected by disasters like droughts due to lack of rain.

Excessive rain, hail storm, storm, cold wave are increasing day by day due to damage of environmental balance, as there is no forest in the area. As a result of these disasters, agriculture, livestock, health, infrastructure and trees are damaged, food insecurity is found and normal life is disrupted including crisis of employment.

From the overall history of Madarganj, it was known that in 1988 and 1998 water level of river heightened 30 feet from the river and 15 feet from the land. The floods remained for almost 40 days and the water was flowing from north to south.

Amount of damages in the disasters, time of the occurrences and affected sectors are given below:

Name of disaster	Year	Amount of damage	Damaged sectors/elements
Flood	1988= 1995 and 1995= 1998= 2008= 2007 and 2008= 2012 and 2013=	3960-hectare croplands 570-hectare croplands 3230-hectare croplands 5130-hectare croplands 10413-hectare croplands 9377-hectare croplands	Agriculture, trees, human resource, cattles, road, homes, fish and livelihood
Drought	1996, 1998, 1994, 2000, 2001, 2003, 2012	385-hectare croplands	Crops, trees and public life
River-erosion	1988, 1996, 1998, 2001, 2003, 2004, 2005, 1990, 1999, 2007	Every year almost 40 hectares of land disappears in the river	Homes, cattles and roads
Storm	1990, 1998, 2002, 1996, 1997, 2000, 2001, 2007	Crops of 80 hectares get damaged	Homes, cattles and crops
Cold wave	1994, 1999, 2000, 2009, 2011, 2012 and 2013	Crops of 100 hectares of land	Crops and public life
Falling of sand	1988, 1998, 2004 and 2007	Crops of 280 hectares of land	Crop production is disrupted
Excessive rainfall	1994, 1999, 2004, 2007, 2000, 2002, 2009	200 hectares of croplands every year	Plants, roads and profession

Source of information: Attachment-10

2.2 Troubles of the upazila:

Troubles	Priority
1. River-erosion	Flood
2. Flood	Drought
3. Nor'wester	River-erosion
4. Drought	Nor'wester

Troubles	Priority
5. Falling of sand on land	Falling of sand on land
6. Excessive rain	Excessive rain
7. Cold wave	Cold wave
8. Hail storm	Hail storm

2.3 Different troubles and details of its present-future scenario

1. Flood: Madarganj upazila in Jalampur district is a highly flood-prone area. Flood occurs between Ashar and Bhadra. As a result, agriculture, fisheries, infrastructure, residence, education, communication and many other sectors become affected. Due to flood crops of 14,950 hectares out of total 20,267 hectares of croplands sometimes get damaged. Although flood occurs every year, major occurrences were in 1988, 1998, 2004 and 2007.

2. Droughts: Droughts are considered as a severe disaster of Madarganj upazila in Jamalpur district. Every year droughts causes massive damages of croplands of the area. Specially paddy, jute, vegetables and plants get seriously damaged destroying 16500 hectares out of total 20267 hectares of croplands. Notable droughts were in 1994, 1996, 2001 and 2003.

3. River-erosion: River erodes the highest in Madarganj upazila. River erosion continues every year in Balijuri, Jorkhali and Gunaritala unions of the district. Erosion starts from the Bengali month of Ashar and continues till Bhadra. As a result, agricultural land, roads and trees disappears in the river water at a high rate. Food production is disrupted. People becomes shelterless and environment is affected. Every year about 175 hectares of land disappears in the garb of river. Communications between different areas will be disconnected and dwelling houses will not be there, in case of failure of constructing embankments, changing the path of river after dredging and constructing a T-embankment for reducing pace of water during flood.

4. Nor'wester: Nor'wester is a severe disaster of the area for which ripen paddy, houses, life of people, trees, cattles are seriously affected. Almost every year, 14500 hectares out of total 20267 hectares of croplands of the area get damaged. Hits were severe in 2000, 2001, 2002 and 2007.

5. Falling sands: Sands fell on cultivated croplands due to excessive flood from Ashar to Bhadra. Cultivation of almost 280 hectares of cultivable lands were disrupted during floods in 1988, 1998 and 2004.

6. Excessive rainfall: Excessive rainfall also a severe disaster of the area. Incessant rains cause disruption to crops, life of people and cattles. Day-laborers become jobless and massive poverty occurs. In 1999, 2000, 2002, 2007 and 2009 excessive heat caused 16715 hectares out of total 20267 of croplands damaged.

7. Cold wave: Cold wave is another major disaster of the area. Crops, cattles, trees and life of people especially old-aged, children, pregnant and mothers of neonatals suffer from severe cold. The disaster causes damage of crops of 3000 hectares out of 20267 hectares of land every year. In the years 1994, 1999, 2000, 2009, 2011, 2012 and 2013 most cold waves took places.

2.4 Falling in troubles and capability

Falling in troubles means the prevailing objective, socio-economic and environmental situation that hints concern of damages in disasters. The community becomes incapable of facing the situation. Capability is the overall situation or process created with natural, social, economic and environmental coordination. A person or any organization/institution can face the adverse effects of disasters and reduce the effects of disasters through the use of remaining resources.

Which areas are under threat and how are briefly described below:

Disaster	Falling in troubles	Capability
Flood	<ul style="list-style-type: none"> • Flood damages crops • Causes suffering in communication • Char Pakerdaha, Gunaritala, Koroichura, Jorkhali and Balijuri unions of Madarganj upazila go under water. • Children, pregnant, challenged and old-aged people remain in more risks. 	<ul style="list-style-type: none"> • There are flood shelter center and high embankment in Balijuri union of Madarganj upazila. • Lands of Shidhuli and Adarvita unions and graveyard of the municipality in Madarganj upazila are high • There are spaces for new embankment, high graveyard and flood shelter center.
Drought	<ul style="list-style-type: none"> • Drought causes damage to crops, trees and cattles • In all the unions of Madarganj upazila drought occurs every year. • Children, pregnant, challenged and old-aged remain in more risks due to the disaster 	<ul style="list-style-type: none"> • There are trees and houses • There are spaces for planting drought-tolerable trees.
River-erosion	<ul style="list-style-type: none"> • Lands and crops get damaged due to river-erosion. • Causes suffering in communication • Most erosion-hit unions of Madarganj are Balijuri, Gunaritala, Koroichura and Shidhuli • Children, pregnant, challenged and old-aged remain in more risks due to river-erosion. 	<ul style="list-style-type: none"> • There are embankments, roads, schools and shelter centers. • There is an option of planting trees massively on the bank of river. • There are enough spaces for social forestation.
Storm	<ul style="list-style-type: none"> • Storm causes damage to crops, trees, cattles and houses • Nor'wester hits all the unions of Madarganj upazila. • Children, pregnant, challenged and old-aged remain in more risks due to storms. 	<ul style="list-style-type: none"> • There are houses and shelter centers.
Excessive rainfall	<ul style="list-style-type: none"> • Excessive rains cause damage to land, crops and trees. • Farmers and lay-laborers become jobless due to excessive rains • Excessive rainfall occurs every year in all unions of the upazila. • Children, pregnant, challenged and old-aged remain in more risks due to excessive rainfall 	<ul style="list-style-type: none"> • There are houses and shelter centers.
Cold waves	<ul style="list-style-type: none"> • Cold waves cause damage to land, crops and trees. • Excessive cold is felt in all unions of the upazila. 	<ul style="list-style-type: none"> • There are warm clothes. • There are arrangements of campfires burning straws etc.

Disaster	Falling in troubles	Capability
	<ul style="list-style-type: none"> Children, pregnant, challenged and old-aged remain in more risks due to cold. 	

Source of information: Attachment 10

2.5 The highest troublesome area

Which areas, villages, wards are the highest troublesome and how are described below:

Name of union	Disaster	The highest troublesome area		Reason of troubles	population in troubles
		Villages	Wards		
Char Pakerdaha	Flood	Teghoria, Godashimla, Nishchintopur, Ruknai, Charnagar, Birpakerdaha, Purbo Pakerdaha, Nobbochar, Char Pakerdaha, Hidegari, Pakrul, Jhatkata, Fazilpur, Koalikandi	In all wards	The area is very low-lying and there is no embankment or road. There is no arrangement of drainage of rain water	20500 persons
	River-erosion	Hidegari, Pakrul, Koalikandi	1 and 2 no. wards	Depth of river is low and there is no piling. Two sides of the river erodes due to tide.	1000 persons
	Drought	Hidegari, Pakrul, Jhatkata, Fazilpur, Koalikandi	1, 2, 4 and 6 no. wards	There is not sufficient trees in the area.	1500 persons
	Storm	Teghoria, Godashimla, Nishchintopur, Ruknai, Charnagar, Birpakerdaha, Purbo Pakerdaha, Nobbochar, Char Pakerdaha, Hidegari, Pakrul, Jhatkata, Fazilpur, Koalikandi	In all wards	There is lack of previous preparation and there is not sufficient trees.	1500 persons
	Cold wave	Teghoria, Godashimla, Nishchintopur, Ruknai, Charnagar, Birpakerdaha, Purbo Pakerdaha, Nobbochar, Char Pakerdaha, Hidegari, Pakrul, Jhatkata, Fazilpur, Koalikandi	In all wards	Thick fog, there is no sufficient trees.	6000 persons
Koroichura	Flood	Nolchhia, Kumarpara, Binodtongi, Ghughumari, Gorpara, Charguzamanika, Boro Vangbari, Velamari, Ilshemari, Lalduba, Mohishbathan, Koroichura, Joterpara, Baglugor, Dholibondho.	In all wards	The area is very low-lying and there is no embankment or road. There is no arrangement of drainage of rain water.	12000 persons
	River-	Ilshemari, Lalduba,	3, 4, 5	Depth of river is low and there is no piling.	2000

Name of union	Disaster	The highest troublesome area		Reason of troubles	population in troubles
		Villages	Wards		
	erosion	Mohishbathan, Koroichura, Joterpara, Baglugor, Dholibondho.	and 7 no. wards	Two sides of the river erodes due to tide.	persons
	Drought	Nolchhia, Kumarpara, Binodtongi, Ghughumari, Gorpara, Charguzamanika, Boro Vangbari, Velamari, Ilshemari, Lalduba, Mohishbathan, Koroichura, Joterpara, Baglugor, Dholibondho.	In all wards	There is no sufficient trees in the area.	2500 persons
	Storm	Nolchhia, Kumarpara, Binodtongi, Ghughumari, Gorpara, Charguzamanika, Boro Vangbari, Velamari, Ilshemari, Lalduba, Mohishbathan, Koroichura, Joterpara, Baglugor, Dholibondho.	In all wards	There is lack of previous preparation and there is no sufficient trees.	2000 persons
	Cold wave	Nolchhia, Kumarpara, Binodtongi, Ghughumari, Gorpara, Charguzamanika, Boro Vangbari, Velamari, Ilshemari, Lalduba, Mohishbathan, Koroichura, Joterpara, Baglugor, Dholibondho.	In all wards	Thick fog, there is no sufficient trees.	7000 persons
Gunaritala	Flood	Gopalpur, Char Gopalpur, Bakurchar Dik Para, Nishchintopur, Katlamari, Gunaritala, Kastepara, Jangalia, Shingdaha, Chhoripara, Purbo Gunaritala, Uttar Gunaritala, Sadra Para	1, 2, 6, 7, 8 and 9 no. wards	The area is very low-lying and there is no embankment or road. There is no arrangement of drainage of rain water.	14000 persons
	River-erosion	Purbo Gunaritala, Uttar Gunaritala, Sadra Para	9 no. ward	Depth of river is low and there is no piling. Two sides of the river erodes due to tide.	1200 persons
	Drought	Gopalpur, Char Gopalpur, Bakurchar Dik Para, Nishchintopur, Katlamari, Gunaritala, Kastepara, Jangalia, Shingdaha, Chhoripara, Purbo Gunaritala, Uttar Gunaritala, Sadra Para	In all wards	There is no sufficient trees in the area.	5000 persons
	Storm	Gopalpur, Char Gopalpur, Bakurchar Dik Para, Nishchintopur, Katlamari,	In all wards	There is lack of previous preparation and there is no	4500 persons

Name of union	Disaster	The highest troublesome area		Reason of troubles	population in troubles
		Villages	Wards		
		Gunaritala, Kastepara, Jangalia, Shingdaha, Chhoripara, Purbo Gunaritala, Uttar Gunaritala, Sadra Para		sufficient trees.	
	Cold wave	Gopalpur, Char Gopalpur, Bakurchar Dik Para, Nishchintopur, Katlamari, Gunaritala, Kastepara, Jangalia, Shingdaha, Chhoripara, Purbo Gunaritala, Uttar Gunaritala, Sadra Para, Jonail Nayapara, Amlitala, Balavborat, Uttar Jorkhali, Charbondhodholi, Moslemabad, Agenipara	In all wards	Thick fog, there is no sufficient trees.	9000 persons
Balijuri	Flood	Kamaria, Shuvoguchha, Nangla, Pashchim Shukhnagari, Nadagari, Char Nadagari	2 no. ward	The area is very low-lying and there is no embankment or road. There is no arrangement of drainage of rain water.	3000 persons
	River-erosion	Nadagari, Char Nadagari, Nangla	3 no. ward	Depth of river is low and there is no piling. Two sides of the river erodes due to tide.	900 persons
	Drought	Purbo Shukhnagari and Dakkhin Shukhnagari	7 no. ward	There is no sufficient trees in the area.	1100 persons
	Nor'wester	Char Bowla and Mirzapur	1 no. ward	There is lack of previous preparation and there is no sufficient trees.	2000 persons
	Cold wave	Char Bowla, Mirzapur, Kamaria, Shuvoguchha, Nadagari, Purbo Tartapara, Pashchim Tartapara, Purbo Shukhnagari, Dakkhin Shukhnagari, Pashchim Shukhnagari, Charnadagari, Namatartapara, Nangla	In all wards	Thick fog, there is no sufficient trees.	4000 persons
Jorkhali	Flood	Fularpara, Khamarmagura, Baroipara, Koladaha, Kukurmari, Kamarpara, Jorkhali, Fuljor, Kajiarchar, Hatamagura, Atamari, Jamdaha, Khilkati	4, 5, 7, 8 and 9 no. wards	The area is very low-lying and there is no embankment or road. There is no arrangement of drainage of rain water.	13800 persons

Name of union	Disaster	The highest troublesome area		Reason of troubles	population in troubles
		Villages	Wards		
	Drought	Fularpara, Khamarmagura, Baroipara, Patadaha, Kukurmari, Kamarpara, Jorkhali, Fuljor, Kajiarchar, Hatamagura, Atamari, Jamdaha, Khilkati Chargolabari	4, 5, 6, 7, 8 and 9 no. wards	There is no sufficient trees in the area.	4000 persons
	Storm	Fularpara, Khamarmagura, Baroipara, Patadaha, Kukurmari, Kamarpara, Jorkhali, Fuljor, Kajiarchar, Hatamagura, Atamari, Jamdaha, Khilkati, Chargolabari, Digolkandi, Ramchandrapur, Berabetaga	In all wards	There is lack of previous preparation and there is no sufficient trees.	1000 persons
	Cold wave	Fularpara, Khamarmagura, Baroipara, Patadaha, Kukurmari, Kamarpara, Jorkhali, Fuljor, Kajiarchar, Hatamagura, Atamari, Jamdaha, Khilkati, Chargolabari, Digolkandi, Ramchandrapur, Berabetaga	In all wards	Thick fog, there is no sufficient trees.	4000 persons
Adarvita	Flood	Palisha, Porabari, Mukondobari Bajiterpara, Gojaria, Nogor, Nolka, Dudhiagachha, Bir Dudhiagachha, Patadaha, Baishdar, Dakatia	1, 6, 8 and 9 no. wards	The area is very low-lying and there is no embankment or road. There is no arrangement of drainage of rain water.	1200 persons
	Drought	Palisha, Porabari, Mukondobari Bajiterpara, Gojaria, Adarvita, Hemrabari, Sanaibanda, Fakirpara, Binnafer, Nogor, Nolka, Dudhiagachha, Bir Dudhiagachha, Gunerbari, Bondhodholi, Soakur Baromaisha, Patadaha, Baishdar, Dakatia, Koyra	In all wards	There is no sufficient trees in the area.	5000 persons
	Storm	Palisha, Porabari, Mukondobari Bajiterpara, Gojaria, Adarvita, Hemrabari, Sanaibanda, Fakirpara, Binnafer, Nogor, Nolka, Dudhiagachha, Bir Dudhiagachha,	In all wards	There is lack of previous preparation and there is no sufficient trees.	1000 persons
	Cold wave	Adarvita, Hemrabari, Sanaibanda, Fakirpara,	In all wards	Thick fog, there is no sufficient trees.	1100 persons

Name of union	Disaster	The highest troublesome area		Reason of troubles	population in troubles
		Villages	Wards		
		Palisha, Porabari, Mukondobari Bajiterpara, Gojaria, Binnafer, Nogor, Nolka, Dudhiagachha, Bir Dudhiagachha, Gunerbari, Bondhodholi, Soakur, Baromaisha, Baishdar, Koyra, PatadahaBaishdar, Dakatia			
	Excessive rain	Palisha, Porabari, Mukondobari Bajiterpara, Gojaria, Adarvita, Hemrabari, Sanaibanda, Fakirpara, Binnafer, Nogor, Nolka, Dudhiagachha, Bir Dudhiagachha, PatadahaBaishdar, Dakatia	In all wards	Imbalance of environment	2000 persons
Adarvita	Flood	Bir Bhatian, Char Bhatian, Shidhuli, Modongopal, Charnandina, Gonamodongopalpur, Telipara, Mojahata, Ramchandrapur, Hatbari, Bonapotol	2, 3, 4, 5 and 6 no. wards	The area is very low-lying and there is no embankment or road. There is no arrangement of drainage of rain water.	৯০০০জন
	River-erosion	Shidhuli, Char Bhatian, Modongopal, Charnandina, Gonamodongopalpur, Telipara, Mojahata, Ramchandrapur, Hatbari, Bonapotol	3, 4 and 5 no. wards	Depth of river is low and there is no piling. Two sides of the river erodes due to tide.	1000 persons
	Drought	Bir Lotabor, Boyra, Kajiabari, Rayerchhora, Charlotabor, Kulupara, Boro Hatbari, Mahmudpur, Shidhuli, Bir Bhatian, Char Bhatian, Modongopal, Charnandina, Gonamodongopalpur, Telipara, Mojahata, Ramchandrapur, Sordabari, Binjail, Gonapotol	In all wards	There is no sufficient trees in the area and imbalance of environment	1200 persons
	Storm	Bir Lotabor, Boyra, Kajiabari, Rayerchhora, Charlotabor, Kulupara, Boro Hatbari, Mahmudpur, Shidhuli, Bir Bhatian, Char Bhatian, Modongopal, Charnandina, Gonamodongopalpur, Telipara, Mojahata, Ramchandrapur, Sordabari,	In all wards	There is lack of previous preparation and there is no sufficient trees.	1500 persons

Name of union	Disaster	The highest troublesome area		Reason of troubles	population in troubles
		Villages	Wards		
		Binjail, Gonapotol			
	Cold wave	Bir Lotabor, Boyra, Kajiabari, Rayerchhora, Charlotabor, Kulupara, Boro Hatbari, Mahmudpur, Shidhuli, Bir Bhatian, Char Bhatian, Modongopal, Charnandina, Gonamodongopalpur, Telipara, Mojahata, Ramchandrapur, Sordabari, Binjail, Gonapotol	In all wards	Thick fog, there is no sufficient trees.	1300 persons

Source of information: Attachment-10

2.6 Main sectors of development planning

Development planning is the result of the process of taking the strategy of taking decision of forecast of future after collecting information and giving explanation of past and present situation related to necessary activities for achieving objectives.

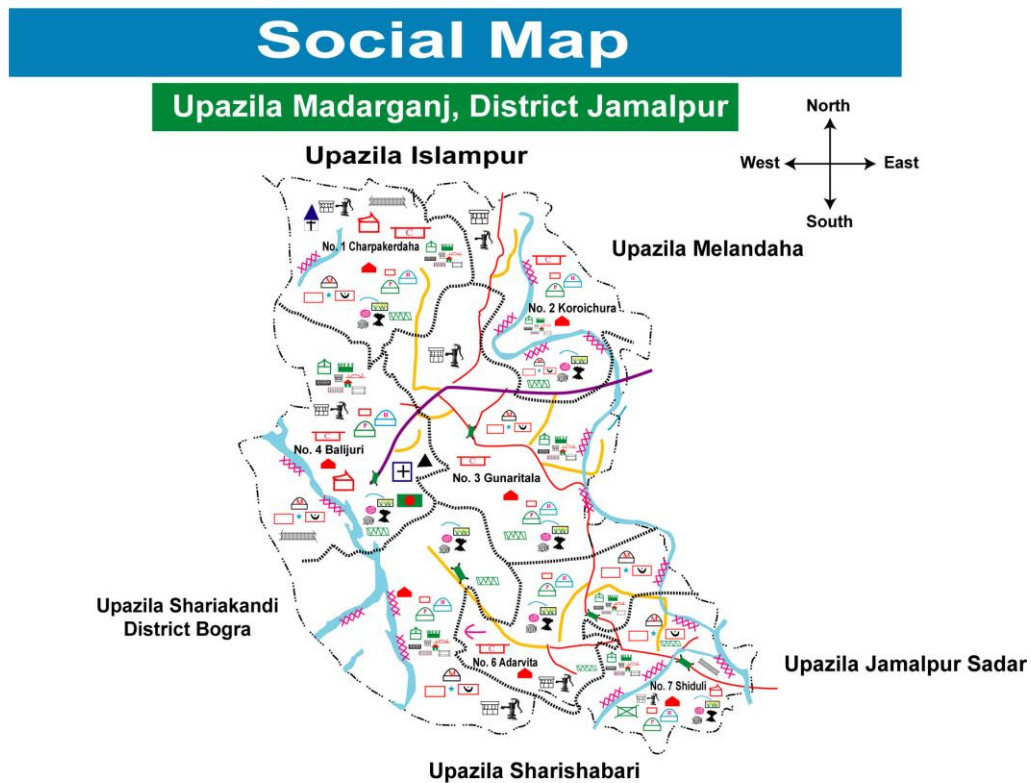
- Main sectors of development planning in the upazila:

Main sectors	Detailed description	Coordinating with reduction of risk of disaster
• Agriculture	Flood, cold wave and drought resistance seeds of improved species to be produced and sown. Seedbeds have to be in high lands.	Training farmers in facing disasters, arranging containing water after digging rivers and canals.
• Livestock	Arranging safe shelters and food for livestock during disasters. Rearing disaster-resistant livestock.	Selecting disaster resistant varieties of crops. Ensuring safe shelters, food, water and treatment prior to disasters.
• Livelihood	Arranging time-befitting livelihood during flood, excessive rain, cold wave and drought.	Arranging employment and necessary trainings during disaster.
• Health	Ensuring safe drinking water during flood and drought. Not taking bath in flood water.	Ensuring safe water, food, residence/shelter center, developed treatment and necessary medications.
• Fisheries Resource	Hightening edges of ponds and waterbodies during flood, giving fence with net and arranging irrigation by shallow machine during drought.	Arranging training for fish farmers on fisheries prior to disaster.
• Trees	Increasing social forestation in government and non-government levels through providing flood, drought and excessive rain resistant plants of trees.	Planting forest, fruit and medicinal trees on uncultivated land, both sides of road, yard of houses and around play grounds.
• Infrastructure	Embankments, roads, houses, swarages, institutions and places for living domestic animals have to be constructed above the flood	Houses, roads, tubewells, Seweragesystem and shades of cattle have to be constructed according to disaster management

Main sectors	Detailed description	Coordinating with reduction of risk of disaster
	level. Roads, houses, educational institutions and shelter centers have to be repaired before flood.	technology.
<ul style="list-style-type: none"> Sewerage 	Every Seweragesystem has to be above the flood level.	Ensuring establishing sanitation according to disaster management technology.
<ul style="list-style-type: none"> Drinking water 	Reducing use of under-ground water. Setting up tubewells above flood level. Testing arsenic.	Ensuring safe water always for everybody in villages.

Source of information: Attachment-10

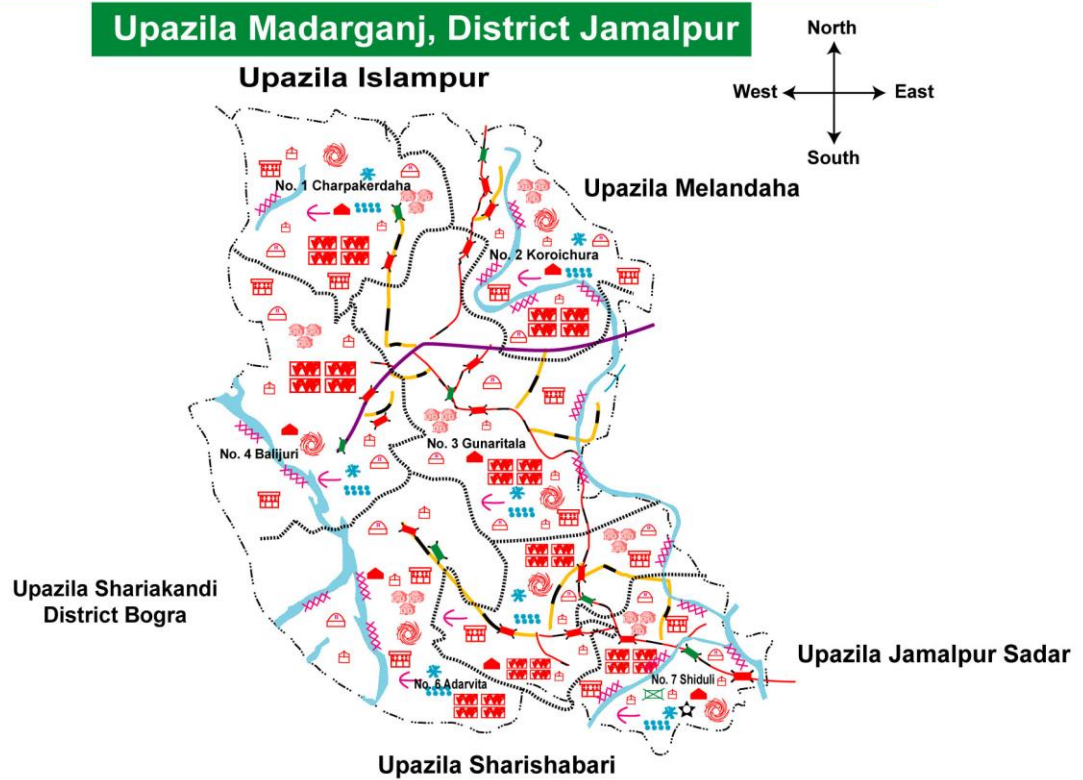
2.7 Social map:



- | | | | | | |
|---------------------------------|--|----------------------------|--|------------------------|--|
| 1. Area of the Upazila | | 10. Canal | | 27. Eidgah Ground | |
| 2. Area of the Union | | 11. Water Body | | 28. Shelter Center | |
| 3. Concrete Road of the Upazila | | 12. Agriculture Land | | 29. Grave Yard | |
| 4. Concrete Road of the Union | | 13. Forestation | | 30. Concrete Building | |
| 5. River | | 14. Residence | | 31. NGO/Bank/Insurance | |
| 6. National Road | | 15. Upazila Health Complex | | 32. Play Ground | |
| 7. Union Parishad | | 16. Upazila Parishad | | 33. Pond | |
| 8. Bridge/Culvert | | 17. Post Office | | 34. Church | |
| 9. Sluis Gate | | 18. Primary School | | 35. School Cum Shelter | |
| | | 19. High School | | 36. Tube Well | |
| | | 20. College | | 37. Faneral Point | |
| | | 21. Madrassa | | 38. Police Station | |
| | | 22. Haat/Bazar | | 39. Embankment | |
| | | 23. Community Clinic | | | |
| | | 24. Ware Huse | | | |
| | | 25. Temple | | | |
| | | 26. Mosque | | | |

2.8 Map of troubles and risks

Map of Troubles & Risks



		Troubles	Risks
1. Area of the Upazila		1. Flood	1. Risky Cultivated Land
2. Area of the Union		2. River Erosion	2. Risky Residences
3. Concrete Road of the Upazila		3. Drought	3. Risky Roads
4. Concrete Road of the Union		4. Hailstone	4. Risky Primary Schools
5. River		5. Cold Wave	5. Risky Mosque
6. National Road		6. Cyclone	6. Risky High Schools
7. Risk free Union Parishad			7. Risky Bridge/Culvert
8. Risk free Bridge/Culvert			
9. Risk free Sluis Gate			

Which troubles may appear in which months have been described below:

Serial no.	Name of trouble	Baishakh	Jaistha	Ashar	Shrabon	Vadra	Ashwin	Kartik	Agrahayon	Poush	Magh	Falgun	Chaitra
1	Flood												
2	Rivererosion												
3	Drought												
4	Storm												
5	Cold												
6	Excessive rain												

Source of information: Attachment 10

2.10 Monsoonal calendar of livelihood

Serial no	Source of livelihood	Baishakh	Jaistha	Ashar	Shraban	Vadra	Ashin	Kartik	Agrahayon	Poush	Magh	Falgun	Chaitra
1	Fermer												
2	Day laborer												
3	Fisheries												
4	Business												

Brief description:

Farmer: Farmers of Madarganj have more or less work all the year round. In Baishakh and Jaistha threshing of Irri paddy starts. Cutting and threshing of paddy continue for two months. These two months, they have more works. Cutting of jute starts in Ashar and Shrabon. In Vadra and Ashin, farmers cultivate different types of vegetables. In Kartik and Agrahayon, cultivation of chili, wheat, maize, potato, brinjals and mastard starts and remains till Poush, Magh and Falgun. Farmers cultivates jute in the month of Chaitra.

Day laborer: Day laborers of Madarganj upazila sell labor more or less all the year round. Specially in Baishakh and Jaistha day-laborers sell their labor more. Because cutting and threshing of paddy continues in the months of Baishakh and Jaistha. Cutting of jute starts in Ashar and Shrabon. Demand for labor remains high during the two months. The demand is the highest in Agrahayon, Poush and Magh, because during these months cultivation of chili, wheat, maize, brinjal and mastard goes on.

Fishery: In general, fish farming goes on all the year round in Madarganj upazila. Specially in Ashar, Shrabon, Vadra, Ashin and Kartik more fish are available. Because, water remains in rivers, canals and waterbodies during these months. This is why, during this time, production of fish increases.

Business: In Madarganj upazila generally business goes on all the year round. Trading with paddy, chili and jute remains more in the months of Ashar, Shrabon, Vadra, Ashin and Kartik. Specially trading with chili becomes more in the month of Magh. Dealing with wheat, mastard, onion and garlic goes on for all the year round.

Source of information: Attachment-10

2.11 Falling in troubles related to life and livelihood

Main livelihoods and which problems are made during disasters/troubles are described below:

Serial no	livelihoods	Troubles/disasters				
		Flood	Cyclone	Drought	River-erosion	Cold wave
1	Agriculture					
2	Fishery					
3	Day laborer					
4	Business					

2.12 Sectorwise description of troubles and risks

Which sectors become affected by identified troubles of the upazila are described below

Troubles	Troublesome social elements									
	Crops	Trees	Livestock	Fish resource	House	Road	Bridge/culvert	Educational institution	Health	Shelter center
Flood	•	•	•	•	•	•	•	•	•	•
River-erosion	•	•			•	•	•	•		•
Drought	•	•	•	•					•	
Storm	•	•	•		•			•		
Excessive rain	•	•	•			•				

Brief description of falling in troubles of every sector/institution/establishment is given below:

1. Flood: Cultivation of 1000 hectares of transplanted aman paddy, 500 hectares of jute, 500 hectares of Dhanicha, 200 hectares of other crops, 200 hectares of banana orchard and fish cultivation of 250 ponds out of total 2796 hectares of lands will get hampered at Charpakerdah union of Madarganj upazila if severe floods like 1988, 1995, 1998 and 2008 visit here. Many a

structure, four primary schools, two madrasas, two high schools, a college, 3000 dwelling houses, seedbeds, 50% of cattle and a number of medicinal trees including fruit trees like Papaya, olive, lemon, amra and lichi may be affected severely. 2000 tubewells may go under water. 2500 sanitary latrines may get damaged. 20%, 15% and 5% people of the population in the union may be attacked with diarrhoea, skin diseases and jaundice respectively due to water contamination. As a result 9051 families may be affected directly and indirectly.

In Koroichura union cultivation of 500 hectares of transplanted aman paddy, 300 hectares of jute, 200 hectares of crops, seedbeds and numerous fruit and medicinal trees out of total 2555 hectares of cultivated lands may be damaged. Different infrastructures, educational institutions, homes, fish of 40 ponds and cattle may be affected. Diarrhoea and skin diseases may be spread due to impure water. As a result, 9320 families may be affected directly and indirectly.

In Gunaritala union, cultivation of 1600 hectares of transplanted aman paddy, 500 hectares of jute out of total 2660 hectares of cropland may get damaged. Numerous fruit trees, medicinal trees, different infrastructures, educational institutions, shelter centers fish of 70 ponds may be affected severely. Different diseases including Diarrhoea and skin diseases may be spread due to impure water. As a result 9071 families may be affected directly and indirectly.

In Balijuri union, cultivation of 1600 hectares of transplanted aman paddy, 500 hectares of other crops out of total 4007 hectares of cropland may get damaged. Numerous seedbeds, fruit trees, medicinal trees, different infrastructures, educational institutions, shelter centers fish of 45 ponds may be affected severely. Different water-borne diseases including Diarrhoea may be spread due to impure water. As a result 5564 families may be affected directly and indirectly.

In Jorkhali union, cultivation of 2000 hectares of transplanted aman paddy, 1000 hectares of jute out of total 3970 hectares of cropland may get damaged. Numerous fruit trees, medicinal trees, different infrastructures, educational institutions may be affected severely. As a result 6600 families may be affected directly and indirectly.

In Adarvita union, cultivation of 800 hectares of transplanted aman paddy, 500 hectares of jute out of total 2660 hectares of cropland and 3 dairy farms, 70 hectares of banana orchard may get damaged. Numerous fruit trees, medicinal trees, different infrastructures, educational institutions, shelter centers fish of 60 ponds may be affected severely. Different diseases including Diarrhoea and skin diseases may be spread due to impure water. As a result 7800 families may be affected directly and indirectly.

In Shidhuli union, cultivation of 500 hectares of transplanted aman paddy, 300 hectares of jute, 100 hectares of other crops out of total 2660 hectares of cropland may get damaged. Numerous fruit trees including 100 hectares of banana orchard, medicinal trees, different infrastructures, educational institutions, shelter centers, fish of 70 ponds may be affected severely. Different diseases including Diarrhoea and skin diseases may be spread due to impure water. As a result 1460 families may be affected directly and indirectly.

2. River-erosion: Due to river-erosion in Madarganj upazila or in river-erosions in 1988, 1998, 1999 cultivated lands of 50 hectares out of total 5296 hectares, 2 primary schools, 1 under-secondary school, 1 madrasa, 2 libraries, 4 mosques, 1 secondary school, 2 ideal villages, 1 shelter center, 5-km earthen road, 2-km concrete road, 500 kachha houses, 20 buildings numerous fruit and medicinal trees, fish of 25 ponds may be hampered or affected. 200 tubewells and 300 sanitary latrines may disappear in the river. As a result, 5564 families may be affected directly and indirectly.

In Jorkhali union, 60 hectares of croplands out of total 4653 hectares, 1 ideal village, 1 shelter center, 4 primary schools, 2 high schools, 2 madrasas, 3 libraries, 4 clubs, 5 play grounds, 6-km earthen road, 2-km concrete road, 600 kachha houses, 30 buildings, numerous fruit and medicinal trees may be disappeared in the river. As a result, 6600 families may be affected directly or indirectly.

In Shidhuli union, 65 hectares of croplands out of total 1756 hectares, 3 primary schools, 2 madrasas, 1 high school, 5 mosques, 2 temples, 7-km earthen road, 3-km concrete road, 700 kachha houses, 30 buildings, numerous trees may be disappeared in the river.

3. Drought: Due to drought in Madarganj upazila or in droughts in the years 1996 and 1994 Irri paddy of 10000 hectares, jute of 5000 hectares, dhoincha of 1000 hectares, vegetables of 500 hectares out of total 20267 hectares, fish of 535 ponds may get damaged. Numerous seedbeds, plants, fruit and medicinal trees may be affected. Due to excessive drought 20% people may be infected by Diarrhoea, 40% may be infected by fever and 15% may be infected by jaundice. 40 percent of cattle gets infected due to droughts. As a result, 6103 families may be affected directly or indirectly.

4. Storm: In storms like 1996 and 1994 in Madarganj upazila Irri paddy of 11000 hectares, vegetables of 2000 hectares, out of total 20267 hectares, banana orchard of 1500 hectares, 20000 houses, 70 primary schools, 492 mosques, 9 temples, 1 church, 48 under-secondary and high schools, 22 madrassas, 10 colleges, 16 poultry farms, 13 mobile towers, 44670 kacha houses, 760 buildings, different government and non-government institutions, numerous fruit, flower and medicinal trees, cattle may be affected. As a result, 7894 families may be affected directly or indirectly.

5. Excessive rainfall: Excessive rainfall in Charpakerdaha union of Madarganj upazila may affect to chili of 500 hectares, onion of 400 hectares, garlic of 100 hectares, jute of 300 hectares, vegetables of 200 hectares, potato of 350 hectares, tomato of 200 hectares out of total 2796 hectares of croplands, 2 poultry farms, numerous fruit and medicinal trees, cattle and roads. Day laborers may become jobless. As a result, 9051 families may be affected directly and indirectly.

In Koroichura union excessive rainfall may affect to chili of 400 hectares, onion of 300 hectares, garlic of 100 hectares, jute of 400 hectares, vegetables of 200 hectares, potato of 600 hectares, tomato of 200 hectares out of total 2555 hectares of croplands, 2 poultry farms, numerous fruit and medicinal trees, cattle and roads. As a result, 9320 families may be affected directly or indirectly.

In Gunaritala union excessive rainfall may affect chili of 500 hectares, onion of 400 hectares, garlic of 200 hectares, jute of 600 hectares, vegetables of 200 hectares, potato of 500 hectares, tomato of 120 hectares out of total 2660 hectares of croplands, 3 poultry farms, numerous fruit and medicinal trees, cattle and roads. As a result, 9071 families may be affected directly or indirectly.

In Balijuri union excessive rainfall may affect chili of 900 hectares, onion of 500 hectares, garlic of 250 hectares, jute of 600 hectares, vegetables of 250 hectares, potato of 500 hectares, tomato of 220 hectares out of total 4007 hectares of croplands, numerous fruit and medicinal trees, cattle and roads. As a result, 5564 families may be affected directly or indirectly.

In Jorkhali union excessive rainfall may affect chili of 800 hectares, onion of 400 hectares, garlic of 150 hectares, jute of 700 hectares, vegetables of 200 hectares, potato of 450 hectares, tomato of 130 hectares out of total 3970 hectares of croplands, numerous fruit and medicinal trees, cattle and roads. As a result, 3970 families may be affected directly or indirectly.

In Adarvita union excessive rainfall may affect chili of 500 hectares, onion of 200 hectares, garlic of 100 hectares, jute of 400 hectares, vegetables of 150 hectares, potato of 400 hectares, tomato of 150 hectares, brinjal of 200 hectares out of total 2569 hectares of croplands, numerous fruit and medicinal trees, cattle and roads. As a result, 7800 families may be affected directly or indirectly.

In Shidhuli union excessive rainfall may cause affects chili of 200 hectares, onion of 100 hectares, garlic of 50 hectares, jute of 300 hectares, vegetables of 150 hectares, potato of 300 hectares, tomato of 100 hectares out of total 1460 hectares of croplands, numerous fruit and medicinal trees, cattle and roads. As a result, 5703 families may be affected directly or indirectly.

In the municipality excessive rainfall may affect onion of 100 hectares, garlic of 50 hectares, jute of 120 hectares, vegetables of 100 hectares, potato of 50 hectares, brinjal of 65 hectares, numerous fruit and medicinal trees, cattle and roads. Day laborers may be jobless. As a result, 7894 families may be affected directly or indirectly.

Why and how troublesome and what will reduce troubles are described in detailed below:

Troublesome social elements	Ways to remove troubles				
	Flood	River-erosion	Drought	Storm	Excessive rainfall
Crops	Roads to be constructed and depth of river to be increased excavating every river	Path of river to be in control with piling.	Sufficient trees to be planted on both sides of roads, yards of homes and uncultivated lands.	Sufficient trees to be planted on both sides of roads, yards of homes and uncultivated lands. Previous preparation to be taken as per weather forecast.	Sufficient trees to be planted on both sides of roads, yards of homes and uncultivated lands.
Trees	Flood-resistant trees to be planted	More trees to be planted to resist river-erosion.	Drought-resistant trees to be planted.	Sustainable and storm resistant variety of trees to be planted.	Rain-resistant variety of trees to be planted.
Livestock	Arrangements to be there for safe shelter of cattle during flood	Livestocks not to be in erosion-prone areas.	Drought resistant varieties to be selected.	Livestock to be kept in safe shelters during storm.	Livestock to be kept in safe shelters during excessive rainfall.
Fish resource	Edges of ponds to be made high and sustainable.	Fish farming not to be at erosion-prone areas.	Water to be arranged through irrigation during drought to every pond.	A few damages take place.	Edges of ponds to be made sustainable and high.
Houses	Houses to be heightened after placing soil before flood.	Dwelling houses not to be made at erosion-prone areas.	Sufficient trees to be planted around home.	Houses to be repaired before storm.	Shades and fences of houses to be repaired.
Roads	Roads to be constructed before flood.	Piling to be constructed on river-banks.	Sufficient trees to be planted on both sides of roads.	Sufficient trees to be planted on both sides of	Sufficient trees to be planted on both sides of roads.

Troublesome social elements	Ways to remove troubles				
	Flood	River-erosion	Drought	Storm	Excessive rainfall
				roads.	

Source of information: Attachment-10

2.13 Climate change and its probable effects

Climate is the general condition of natural elements of atmosphere (temperature of air, pressure of air, direction of wind flow and its pace, humidity of air, amount of clouds, kinds of clouds and rainfall) after discussion of daily weather of long time (30 years or more) of any place or area. The earth absorbs the sunlight reaches the world everyday. Absorbed sunlight again reflects in the sky. This is the natural rule. Any obstruction or obstacle in the absorption and reflection process is called climate change.

Which sectors are affected due to effects of climate change and how is described in details below:

Sectors	Description
Agriculture	<ul style="list-style-type: none"> • Cultivated croplands go under water due to flood damaging agricultural crops. • Plants die due to cold waves and drought. • Crops are massively damaged due to Nor'wester. • Cultivated agricultural land and crops go in the garb of river.
Fish	<ul style="list-style-type: none"> • Eroding edges of ponds and being inundated due to flood cultivated fish go elsewhere. As a result, fishes are not available in need. • Fish farming cannot be done for drying up of rivers and ponds due to excessive drought.
Trees	<ul style="list-style-type: none"> • Plants and different fruit trees are massively damaged due to flood • Different trees disappear in rivers due to river erosion. • Plants and trees die from scarcity of water due to drought. • Trees damage after breaking due to Nor'wester.
Health	<ul style="list-style-type: none"> • For not drinking pure water due to flood different diseases break out and taking bath with dirty water causes different skin diseases. • Due to hot weather as a result of excessive drought dehydration and different diseases are spread.
Livelihood	<ul style="list-style-type: none"> • Fishermen cannot catch fish in rivers and day laborers cannot work in croplands due to different disasters- flood, excessive rain and cold wave. These caused disruption of employment of common people.
Infrastructure	<ul style="list-style-type: none"> • Roads, homes and educational institutions get severely damaged due to flood.

Third chapter: reducing risk of disaster

3.1 Identifying causes of risks

Why the upazila is affected by identified troubles described below:

Description of risks		Cause		
		Instant	Secondary	Final
Flood	<p>Due to flood cultivation of 1000 hectares of transplanted aman paddy, 500 hectares of jute, 500 hectares of Dhanicha, 200 hectares of other crops, 200 hectares of banana orchard and fish cultivation of 250 ponds out of total 2796 hectares of lands will get hampered at Charpakerdah union of Madarganj upazila if severe floods like 1988, 1995, 1998 and 2008 visit here. Many a structure, four primary schools, two madrasas, two high schools, a college, 3000 dwelling houses, seedbeds, 50% of cattle and a number of medicinal trees including fruit trees like Papaya, olive, lemon, amra and lichi may be affected severely. 2000 tubewells may go under water. 2500 sanitary latrines may get damaged. 20%, 15% and 5% people of the population in the union may be attacked with diarrhoea, skin diseases and jaundice respectively due to water contamination. As a result 9051 families may be affected directly and indirectly.</p> <p>In Koroichura union cultivation of 500 hectares of transplanted aman paddy, 300 hectares of jute, 200 hectares of crops, seedbeds and numerous fruit and medicinal trees out of total 2555 hectares of cultivated lands may be damaged. Different infrastructures, educational institutions, homes, fish of 40 ponds and cattle may be affected. Diarrhoea and skin diseases may be spread due to impure water. As a result, 9320 families may be affected directly and indirectly.</p> <p>In Gunaritala union, cultivation of 1600 hectares of transplanted aman paddy, 500 hectares of jute out of</p>	<p>Due to excessive rain.</p> <p>Due to not having arrangement of drainage of water. Due to the canals being filled by garbage. Due to not having cross-dam.</p>	<p>Due to onrush from upstream.</p> <p>Due to not having sluice gate at adjoining areas of rivers and canals.</p>	<p>Due to filling up river beds.</p> <p>Due to not having proper steps by the Water Development Board. Due to not having assistance of donor agencies.</p> <p>Due to local people not being conscious.</p>

Description of risks	Cause		
	Instant	Secondary	Final
<p>total 2660 hectares of cropland may get damaged. Numerous fruit trees, medicinal trees, different infrastructures, educational institutions, shelter centers fish of 70 ponds may be affected severely. Different diseases including Diarrhoea and skin diseases may be spread due to impure water. As a result 9071 families may be affected directly and indirectly.</p> <p>In Balijuri union, cultivation of 1600 hectares of transplanted aman paddy, 500 hectares of other crops out of total 4007 hectares of cropland may get damaged. Numerous seedbeds, fruit trees, medicinal trees, different infrastructures, educational institutions, shelter centers fish of 45 ponds may be affected severely. Different water-borne diseases including Diarrhoea may be spread due to impure water. As a result 5564 families may be affected directly and indirectly.</p> <p>In Jorkhali union, cultivation of 2000 hectares of transplanted aman paddy, 1000 hectares of jute out of total 3970 hectares of cropland may get damaged. Numerous fruit trees, medicinal trees, different infrastructures, educational institutions may be affected severely. As a result 6600 families may be affected directly and indirectly.</p> <p>In Adarvita union, cultivation of 800 hectares of transplanted aman paddy, 500 hectares of jute out of total 2660 hectares of cropland and 3 dairy farms, 70 hectares of banana orchard may get damaged. Numerous fruit trees, medicinal trees, different infrastructures, educational institutions, shelter centers fish of 60 ponds may be affected severely. Different diseases including Diarrhoea and skin diseases may be spread due to</p>			

Description of risks		Cause		
		Instant	Secondary	Final
	<p>impure water. As a result 7800 families may be affected directly and indirectly.</p> <p>In Shidhuli union, cultivation of 500 hectares of transplanted aman paddy, 300 hectares of jute, 100 hectares of other crops out of total 2660 hectares of cropland may get damaged. Numerous fruit trees including 100 hectares of banana orchard, medicinal trees, different infrastructures, educational institutions, shelter centers, fish of 70 ponds may be affected severely. Different diseases including Diarrhoea and skin diseases may be spread due to impure water. As a result 1460 families may be affected directly and indirectly.</p> <p>In municipality, cultivation of 100 hectares of onion, 50 hectares of garlic, 120 hectares of jute, 100 hectares of vegetables, 50 hectares of potato, 60 hectares of tomato, 65 hectares of brinjal out of total 2660 hectares of cropland may get damaged. Numerous fruit trees, medicinal trees, different infrastructures, educational institutions, shelter centers, 1200 homes, 45% cattle, fish of 70 ponds may be affected severely. 1500 tubewells may be submerged and 1400 sanitary latrines may get damaged.</p>			
River-erosion	<p>Due to river-erosion in Madarganj upazila or in river-erosions in 1988, 1998, 1999 cultivated lands of 50 hectares out of total 5296 hectares, 2 primary schools, 1 under-secondary school, 1 madrassa, 2 libraries, 4 mosques, 1 secondary school, 2 ideal villages, 1 shelter center, 5-km earthen road, 2-km concrete road, 500 kachha houses, 20 buildings numerous fruit and medicinal trees, fish of 25 ponds may be hampered or affected. 200 tubewells and 300 sanitary latrines may disappear in the river. As a</p>	Strong tide of water	Strong tide	Filling up river beds

Description of risks		Cause		
		Instant	Secondary	Final
	<p>result, 5564 families may be affected directly and indirectly.</p> <p>In Jorkhali union, 60 hectares of croplands out of total 4653 hectares, 1 ideal village, 1 shelter center, 4 primary schools, 2 high schools, 2 madrassas, 3 libraries, 4 clubs, 5 play grounds, 6-km earthen road, 2-km concrete road, 600 kachha houses, 30 buildings, numerous fruit and medicinal trees may be disappeared in the river. As a result, 6600 families may be affected directly and indirectly.</p> <p>In Shidhuli union, 65 hectares of croplands out of total 1756 hectares, 3 primary schools, 2 madrassas, 1 high school, 5 mosques, 2 temples, 7-km earthen road, 3-km concrete road, 700 kachha houses, 30 buildings, numerous trees may be disappeared in the river.</p>			
Storm	<p>In storms like 1996 and 1994 in Madarganj upazila Irri paddy of 11000 hectares, vegetables of 2000 hectares, out of total 20267 hectares, banana orchard of 1500 hectares, 20000 houses, 70 primary schools, 492 mosques, 9 temples, 1 church, 48 under-secondary and high schools, 22 madrassas, 10 colleges, 16 dairy farms, 13 mobile towers, 44670 kacha houses, 760 buildings, different government and non-government institutions, numerous fruit, flower and medicinal trees, cattle may be affected. As a result, 7894 families may be affected directly and indirectly.</p>	Natural	Not having sufficient trees	Climate change
Drought	<p>Due to drought in Madarganj upazila or in droughts in the years 1996 and 1994 Irri paddy of 10000 hectares, jute of 5000 hectares, dhoincha of 1000 hectares, vegetables of 500 hectares out of total 20267 hectares, fish of 535 ponds may get damaged. Numerous seedbeds, plants, fruit and medicinal trees may be affected. Due to</p>	No rain	Lack of social forestation	Climate change

Description of risks		Cause		
		Instant	Secondary	Final
	excessive drought 20% people may be infected by Diarrhoea, 40% may be infected by fever and 15% may be infected by jaundice. 40 percent of cattle gets infected due to droughts. As a result, 6103 families may be affected directly and indirectly.			

3.2 Identifying ways of reducing risks

- Identifying instant, secondary and final causes shown below:

Description of risks		Probable ways of reducing risks		
		Short-term	Mid-term	Long-term
Flood	<p>Due to flood cultivation of 1000 hectares of traqnsplanted aman paddy, 500 hectares of jute, 500 hectares of Dhanicha, 200 hectares of other crops, 200 hectares of banana orchard and fish cultivation of 250 ponds out of total 2796 hectares of lands will get hampered at Charpakerdah union of Madarganj upazila if severe floods like 1988, 1995, 1998 and 2008 visit here. Many a structure, four primary schools, two madrasas, two high schools, a college, 3000 dwelling houses, seedbeds, 50% of cattle and a number of medicinal trees including fruit trees like Papaya, olive, lemon, amra and lichi may be affected severely. 2000 tubewells may go under water. 2500 sanitary latrines may get damaged. 20%, 15% and 5% people of the population in the union may be attacked with diahorea, skin diseases and jaundice repectively due to water contamination. As a reult 9051 families may be affected directly and indirectly.</p> <p>In Koroichura union cultivation of 500 hectares of traqnsplanted aman paddy, 300 hectares of jute, 200 hectares of crops, seedbeds and numerous fruit and medicinal trees out of total 2555 hectares of cultivated lands may be damaged. Different infrastructures, educational institutions, homes, fish of 40 ponds and cattle may be affected. Diarrhoea and skin diseases may be spread due to impure water. As a result, 9320 families may be affected directly and indirectly.</p> <p>In Gunaritala union, cultivation of 1600 hectares of traqnsplanted aman paddy, 500 hectares of jute out of total 2660 hectares of cropland may get damaged. Numerous fruit trees, medicinal trees, different infrastructures,</p>	<p>Repairing roads, hightening houses. Arranging drainage of water. Constructin g cross-dam on sides of river</p>	<p>Construct ion of exbankme nt and road high. Arranging sluis gate at connectin g points of rivers or canals</p>	<p>Increasing depth of river after excavatio n. Taking proper steps by the Water Developm ent Board. Making people of the area concious.</p>

Description of risks	Probable ways of reducing risks		
	Short-term	Mid-term	Long-term
<p>educational institutions, shelter centers fish of 70 ponds may be affected severely. Different diseases including Diarrhoea and skin diseases may be spread due to impure water. As a result 9071 families may be affected directly and indirectly.</p> <p>In Balijuri union, cultivation of 1600 hectares of transplanted aman paddy, 500 hectares of other crops out of total 4007 hectares of cropland may get damaged. Numerous seedbeds, fruit trees, medicinal trees, different infrastructures, educational institutions, shelter centers fish of 45 ponds may be affected severely. Different water-borne diseases including Diarrhoea may be spread due to impure water. As a result 5564 families may be affected directly and indirectly.</p> <p>In Jorkhali union, cultivation of 2000 hectares of transplanted aman paddy, 1000 hectares of jute out of total 3970 hectares of cropland may get damaged. Numerous fruit trees, medicinal trees, different infrastructures, educational institutions may be affected severely. As a result 6600 families may be affected directly and indirectly.</p> <p>In Adarvita union, cultivation of 800 hectares of transplanted aman paddy, 500 hectares of jute out of total 2660 hectares of cropland and 3 dairy farms, 70 hectares of banana orchard may get damaged. Numerous fruit trees, medicinal trees, different infrastructures, educational institutions, shelter centers fish of 60 ponds may be affected severely. Different diseases including Diarrhoea and skin diseases may be spread due to impure water. As a result 7800 families may be affected directly and indirectly.</p> <p>In Shidhuli union, cultivation of 500 hectares of transplanted aman paddy, 300 hectares of jute, 100 hectares of other crops out of total 2660 hectares of cropland may get damaged. Numerous fruit trees including 100 hectares of banana orchard, medicinal trees, different infrastructures, educational institutions, shelter centers, fish of 70 ponds may be affected severely. Different diseases including Diarrhoea and skin diseases may be spread due to impure water. As a result 1460 families may be affected directly and indirectly.</p> <p>In municipality, cultivation of 100 hectares of onion, 50 hectares of garlic, 120 hectares of</p>			

Description of risks		Probable ways of reducing risks		
		Short-term	Mid-term	Long-term
	jute, 100 hectares of vegetables, 50 hectares of potato, 60 hectares of tomato, 65 hectares of brinjal out of total 2660 hectares of cropland may get damaged. Numerous fruit trees, medicinal trees, different infrastructures, educational institutions, shelter centers, 1200 homes, 45% cattle, fish of 70 ponds may be affected severely. 1500 tubewells may be submerged and 1400 sanitary latrines may get damaged.			
River-erosion	<p>Due to river-erosion in Madarganj upazila or in river-erosions in 1988, 1998, 1999 cultivated lands of 50 hectares out of total 5296 hectares, 2 primary schools, 1 under-secondary school, 1 madrassa, 2 libraries, 4 mosques, 1 secondary school, 2 ideal villages, 1 shelter center, 5-km earthen road, 2-km concrete road, 500 kachha houses, 20 buildings numerous fruit and medicinal trees, fish of 25 ponds may be hampered or affected. 200 tubewells and 300 sanitary latrines may disappear in the river. As a result, 5564 families may be affected directly and indirectly.</p> <p>In Jorkhali union, 60 hectares of croplands out of total 4653 hectares, 1 ideal village, 1 shelter center, 4 primary schools, 2 high schools, 2 madrassas, 3 libraries, 4 clubs, 5 play grounds, 6-km earthen road, 2-km concrete road, 600 kachha houses, 30 buildings, numerous fruit and medicinal trees may be disappeared in the river. As a result, 6600 families may be affected directly and indirectly.</p> <p>In Shidhuli union, 65 hectares of croplands out of total 1756 hectares, 3 primary schools, 2 madrassas, 1 high school, 5 mosques, 2 temples, 7-km earthen road, 3-km concrete road, 700 kachha houses, 30 buildings, numerous trees may be disappeared in the river.</p>	Falling mud bags	Construction of piling on river bank	Increasing depth of river after excavating. Trees have to be planted on the bank of river
Storm	In storms like 1996 and 1994 in Madarganj upazila Irri paddy of 11000 hectares, vegetables of 2000 hectares, out of total 20267 hectares, banana orchard of 1500 hectares, 20000 houses, 70 primary schools, 492 mosques, 9 temples, 1 church, 48 under-secondary and high schools, 22 madrassas, 10 colleges, 16 dairy farms, 13 mobile towers,	Repairing houses, publicity and taking prior preparation	Planting trees through consciousness	Forestation in government, social and personal initiatives

Description of risks		Probable ways of reducing risks		
		Short-term	Mid-term	Long-term
	44670 kacha houses, 760 buildings, different government and non-government institutions, numerous fruit, flower and medicinal trees, cattle may be affected. As a result, 7894 families may be affected directly and indirectly.			
Drought	Due to drought in Madarganj upazila or in droughts in the years 1996 and 1994 Irri paddy of 10000 hectares, jute of 5000 hectares, dhoincha of 1000 hectares, vegetables of 500 hectares out of total 20267 hectares, fish of 535 ponds may get damaged. Numerous seedbeds, plants, fruit and medicinal trees may be affected. Due to excessive drought 20% people may be infected by Diarrhoea, 40% may be infected by fever and 15% may be infected by jaundice. 40 percent of cattle gets infected due to droughts. As a result, 6103 families may be affected directly and indirectly.	Planting trees	Reducing use of underground water	Excavating canals-rivers and forestation.

3.3 Development planning of NGOs

Serial no.	NGO	Work on disaster	Number of beneficiaries	Number/ amount	Duration of the projects
1.	Unnayan Shangha (Shouhar da project)	<ul style="list-style-type: none"> Formation of union volunteers team and providing training on disaster Having meetings with union volunteers committee and disaster volunteers team. Drawing maps of risks and resources Analyzing falling in troubles and capabilities of climate Formation of planning during disaster Creating awareness among people through drama-theatre on disaster Broadcasting warnings and forecasts 	8400	01	04(Four) years

Source of information: Attachment-11

3.4 Workplan of disaster management

3.4.1 Pre-disaster preparation

Serial no.	Activities	Target	Probable budget	Where	Date of implementation	Who will implement and in which quantity				Coordination with development planning
						Upazila administration %	Community %	UP%	NGO %	
1.	Committee meeting	12	28000	In upazila	Before disaster	20%	20%	50%	10%	With coordination with upazila, community, UP and NGOs.
2.	Formation of volunteer's team, training and keeping prepared	90 persons	25000	UP building	Before disaster	-	30%	60%	10%	With coordination with UP
3.	Keeping shelter center prepared	21	21000	In every union	Before disaster	50%	-	47%	10%	With coordination with UP
4.	Keeping stock of dry food	As per necessity	70000	Disaster area	During disaster	40%	10%	30%	20%	With coordination with upazila, community, UP and NGOs.
5.	Arranging first aid	As per necessity	35000	UP building and shelter center	During disaster	50%	-	40%	10%	With coordination with upazila, community, UP and NGOs.
6.	Keeping stock of saline	As per necessity	21000	Upazila and UP building	During disaster	40%	10%	30%	20%	With coordination with upazila, community, UP and NGOs.
7.	Keeping arrangement of pure water	As per necessity	14000	In disaster area	During disaster	50%	10%	30%	10%	With coordination with upazila, community, UP and

Serial no.	Activities	Target	Probable budget	Where	Date of implementation	Who will implement and in which quantity				Coordination with development planning
						Upazila administration %	Community %	UP%	NGO %	
										NGOs.
8.	Arranging publicity of forecast	Total disaster area	14000	In disaster area	During disaster	40%	10%	40%	10%	With coordination with upazila, community, UP and NGOs.
9.	Keeping car/boat/rickshaw/van prepared	Total disaster area	14000	UP building	During disaster	50%	-	40%	10%	With coordination with upazila, community, UP and NGOs.

3.4.2 During disaster

Serial no.	Activity	Target	Probable budget	Where	Date of implementation	Who will implement and in which quantity				Coordination with development planning
						Upazila %	community %	UP %	NGO %	
1.	Emergency meeting of upazila and union parishad disaster committees	3	9000	In upazila and UP building	During disaster	40%	-	40%	20%	With coordination with upazila, UP and annual development planning of NGOs.
2.	Opening emergency control room	1	10000	In upazila	During disaster	70%	-	30%	-	With coordination with upazila, UP and annual development planning of NGOs.
3.	Rescuing and giving first aid	All affected	21000	In disaster area	During disaster	50%	-	40%	10%	With coordination with upazila, UP and annual development planning of NGOs.
4.	Distribution of relief	All affected	90000	In disaster area	During disaster	50%	-	30%	20%	With coordination with upazila, UP and annual

Serial no.	Activity	Target	Proable budget	Where	Date of implementation	Who will implement and in which quantity				Coordination with development planning
						Upazila %	community %	UP %	NGO %	
										development planning of NGOs.
5.	Distributing saline and pure water from stock	As per necessity	7000	In shelter centers and disaster areas	During disaster	50%	-	30%	20%	With coordination with upazila, community UP and NGOs.
6.	Burial of dead body	All dead persons and cattle	7000	Graveyards and crematoriums in high lands	During disaster	40%	10%	40%	10%	With coordination with upazila, community, UP and NGOs.
7.	Keeping communication system operative	As per necessity	As per necessity	In disaster area	During disaster	40%	-	40%	20%	With coordination with upazila, community, UP and NGOs.

3.4.3 After disaster

Serial no.	Activity	Target	Proable budget	Where	Date of implementation	Who will implement and in which quantity				Coordination with development planning
						Upazila %	community %	UP %	NGO %	
1	Holding committee meeting	2	4000	Upazila and UP building	After disaster	50%	-	40%	10%	Coordinating with annual development planning of upazila, UP and NGOs
2	Cleaning debris	Total disaster area	14000	Disaster area	After disaster	50%	-	40%	10%	Coordinating with upazila, UP, community and NGOs
3	Keeping disaster under surveillance	Total disaster area	7000	Disaster area	After disaster	30%	20%	30%	20%	Coordinating with upazila, UP, community and NGOs
4	Demand assessment of disaster and sending report	As per necessity	As per necessity	Affected area	After disaster	50%	-	40%	10%	Coordinating with upazila, UP, community and NGOs
5	Arranging rehabilitation	As per demand of damage	As per necessity	Affected area	After disaster	40%	10%	40%	10%	Coordinating with upazila, UP, community

Serial no.	Activity	Target	Proable budget	Where	Date of implementation	Who will implement and in which quantity				Coordination with development planning
						Upazila %	community %	UP %	NGO %	
										and NGOs
6	Arranging employment	As per necessity	As per necessity	Affected person and family	After disaster	40%	-	40%	20%	Coordinating with upazila, UP, community and NGOs
7	Repairing roads	As per necessity	As per necessity	Affected area	After disaster	40%	-	40%	20%	Coordinating with upazila, UP, community and NGOs

3.4.4 During normalcy/reduction of risk

Serial no.	Activity	Target	Proable budget	Where	Date of implementation	Who will implement and in which quantity				Coordination with development planning
						Upazila %	community %	UP %	NGO %	
1	Holding committee meeting	02	6000	Upazila and UP building	During normalcy	40%	-	40%	20%	Coordinating with upazila, UP and NGO
2	Formation of volunteer team, training and arranging rehearsal	07	21000	UP building and disaster area	During normalcy	50%	-	30%	20%	Coordinating with upazila, UP and NGO
3	Repairing shelter center, maintenance and reconstruction	07	As per demand	Every union	During normalcy	50%	-	30%	20%	Coordinating with upazila, UP and NGO
4	Coordinating relief work	As per demand	As per demand	Upazila parishad	During normalcy	40%	10%	40%	10%	Coordinating with upazila, UP, community and NGO
5	Collection and preservation of medicine	As per demand	As per demand	Upazila parishad	During normalcy	50%	-	50%	-	Coordinating with upazila and UP
6	Collection and preservation of equipments used for rescue operation	As per demand	As per demand	Upazila and UP building	During normalcy	40%	-	40%	-	Coordinating with upazila and UP
7	Arrangement and implementation of awareness activities	As per demand	90000	Upazila and UP building	During normalcy	40%	10%	40%	10%	Coordinating with annual development planning of upazila, UP, community and NGOs

Serial no.	Activity	Target	Proable budget	Where	Date of implementation	Who will implement and in which quantity				Coordination with development planning
						Upazila %	community %	UP %	NGO %	
8		As per demand	As per demand	Every union	During normalcy	40%	-	50%	10%	Coordinating with annual development planning of upazila, UP, community and NGOs
9		As per demand	As per demand	Every union	During normalcy	50%	-	40%	10%	Coordinating with annual development planning of upazila, UP, community and NGOs
10		As per demand	As per demand	Every union	During normalcy	40%	-	50%	10%	Coordinating with annual development planning of upazila, UP, community and NGOs
11		As per demand	As per demand	Every union	During normalcy	60%	-	30%	10%	Coordinating with annual development planning of upazila, UP, community and NGOs
12		As per demand	As per demand	Every union	During normalcy	50%	-	40%	10%	Coordinating with annual development planning of upazila, UP, community and NGOs
13		As per demand	As per demand	Every union	During normalcy	50%	-	40%	10%	Coordinating with annual development planning of upazila, UP, community and NGOs
14		As per demand	As per demand	Every union	During normalcy	50%	-	40%	10%	Coordinating with annual development planning of upazila, UP, community and NGOs
15		As per demand	As per demand	Every union	During normalcy	50%	-	40%	10%	Coordinating with annual development planning of upazila, UP, community and NGOs
16		As per demand	As per demand	Every union	During normalcy	50%	-	30%	20%	Coordinating with annual development planning of upazila, UP, community and NGOs
17		100000	500000	Both sides	In June	40%	10%	30%	20%	Coordinating

Serial no.	Activity	Target	Proable budget	Where	Date of implementation	Who will implement and in which quantity				Coordination with development planning
						Upazila %	community %	UP %	NGO %	
		0	0	of of every road and different institution	and July					with annual development planning of upazila, UP, community and NGOs
18		70	140000	On canal of every union	During normalcy	40%	20%	30%	10%	Coordinating with annual development planning of upazila, UP, community and NGOs
19		21	500000	Every union	During normalcy	50%	-	40%	10%	Coordinating with annual development planning of upazila, UP, community and NGOs
20		8000	240000	Every village	During normalcy	50%	-	30%	20%	Coordinating with annual development planning of upazila, UP, community and NGOs
21		15000	150000	Every village	During normalcy	50%	-	30%	20%	Coordinating with annual development planning of upazila, UP, community and NGOs
22		6500	130000	Every village	During normalcy	40%	-	50%	10%	Coordinating with annual development planning of upazila, UP, community and NGOs
23		7000	210000	Every village	During normalcy	40%	-	50%	10%	Coordinating with annual development planning of upazila, UP, community and NGOs

Source of information: Attachment-10

Fourth chapter: emergency response

4.1 Emergency Operation Center (EOC)

In any disaster, Emergency Operation Center (EOC) perform effective coordination in any response. It remains operative 24-hours during disaster. It collects information, examines and displays, at the same time performs resource management. An EOC generally have an operation theatre, a control room and a communication room.

Serial no.	Name	Position	Mobile number
1	Md. Obaidur Rahman Belal	Upazila Chairman	01712601818
2	Dr. Md. Kamruzzaman	Upazila Nirbahi Officer	01715375590
3	Md. Alauddin	Project Implementation Officer	01718632775
4	Syed Md. Tanvir	Upazila Agriculture Officer	01711433675
5	Md. Anwar Hossain	Livestock Resource Officer	0982556024
6	Oni Roudro Roy	Social Service Officer	01718970112
7	Mrs. Shahida Parvin	Female Affairs Officer	01712585916

4.1.1 Operation of emergency control room

- Just after the disaster emergency control rooms have to be set up at district/upazila offices, where duty of at a time 3/4 volunteers and police members by turn has to be ensured.
- Responsible personnel of district and upazila will be in-charge of the control room. In every team, at least 3 volunteers divided in 3 groups will by turn discharge the duty of the control room 24 hours.
- Will keep in contact at time with division/district headquarters.
- A control room register will be in the control room. Who started duty when, during duty which messages are received, which message is sent to whom, will be written on the register.
- On a district/upazila map will be hung on the wall, where location of different unions, up and down roads of different villages, canals, embankments will be shown. After disaster which areas are most affected will have to be marked.
- Keeping stock of radio, hajack, charger light, 5 big size torch lights, gum boot, life-jacket, battery, rain coat is essential for the convenience in discharging duty of the control room.

4.2 Planning during disaster

Serial no.	activity	target	when to perform	who will perform	who will help	how to do	communication
1	Keeping volunteers prepared	90 persons	Before disaster	Upazila disaster committee	UP disaster committee	Through meeting of disaster committee	Through mobile and direct contact
2	Publicity of warnings	All disaster areas of upazila	Before disaster	Union volunteer team	UP member	With loudspeaker and playing local musical instrument	Through mobile and direct contact
3	Keeping boat/car/van	10/10/10	Before disaster and during	Upazila disaster management	Owners of boat/car/van	Through mobile and direct contact	Through mobile and direct contact

Serial no.	activity	target	when to perform	who will perform	who will help	how to do	communication
	prepared		disaster	committee			
4	Rescue operation	All affected people and cattle	During disaster	Volunteer team	Upazila disaster management committee and UP member	Through assistance of UP member and locals	Through mobile and direct contact
5	First aid/health/dead body management	All affected persons and cattle	During disaster	Doctor/medical assistant/volunteer/UP member	Upazila disaster management committee	Through boat/car/van and union volunteer	Through mobile and direct contact
6	Collecting and keeping prepared dry food and lifesaving medicines	All affected persons	During disaster	Volunteer team	Union chairman	Through local market and medical assistant	Through mobile and direct contact
7	Treatment/injection of cattle	All affected cattle of disaster area	During and before disaster	Volunteer team	Local people	Union disaster management committee	Through mobile and direct contact
8	Maintenance of shelter center	All shelter centers of the upazila	Before disaster	Union volunteer team	Volunteer and local people	Repairing shelter center, safe place for cattle	Through mobile and direct contact
9	Coordinating relief work	All affected people and cattle	During disaster	Union volunteer team	Union disaster management committee	Keeping record on government and non-government register	Through mobile and direct contact
10	Arranging rehearsal	All affected areas	Before disaster	Volunteer team	UP member	Publicity of warning and raising awareness being together UP, volunteer and local people	Through mobile and direct contact
11	Operating emergency control room	01	During disaster	Volunteer team	UP and disaster management committee	Raising awareness altogether and in social initiative	Through mobile and direct contact
12	Drawing map of risk and resource	The upazila	Before disaster	Volunteer team	Concerned UP member and local people	Drawing map of risk and resource on the basis of opinion of the concerned UP member and local people.	Through mobile and direct contact
13	Making people aware of disaster preparation	The upazila	Before disaster	Volunteer team		Holding discussion on disaster preparation in yard meetings, meetings and religious programs through union disaster management committee and different government and non-government organizations engaged in disaster related works.	Through mobile and direct contact

Serial no.	activity	target	when to perform	who will perform	who will help	how to do	communication
14	Survey on disaster	The union	Before disaster	Volunteer team	Union disaster management committee and local eminent personality	Collecting information reaching doorsteps of different risky and troublesome areas and preparing reports by the help of union disaster management committee.	Through mobile and direct contact

Source of information: Attachment-10

Direction for implementation of planning during disaster

4.2.1 Keeping volunteers prepared

- Formation of volunteer team led by UP members in ward level.
- Publicity of information and warnings from village to village through volunteers
- Arranging training for members of volunteer team on different responsibilities- signals, encoding message, removing and management of shelter center, reducing risk of disaster.

4.2.2 Publicity of warning

- UP members of every ward will ensure with personal responsibility of publicity of warning to every doorstep.
- Till broadcast of number 5 cautionary signal on radios and televisions, arrangements to be there of announcement using loudspeakers at least once per hour. As soon as broadcast of great danger signal, instantly arrangements have to be taken of announcement using loudspeakers and continuously ringing the bells of schools and madrassas as danger signal.

4.2.3 Arrangements of removing people:

- With broadcast of the message of removing people of the area to safer shelter centers through radio and television, respective UP members will start removing with the help of volunteers of the area.
- With broadcast of no. 8 great danger signal, announcement has to be given using loudspeakers for taking shelter in safe shelter centers and volunteers reaching doorsteps of the area will urge people to take safe shelters. They will inform about people of which risky area will take shelter where.

4.2.4 Rescue and providing first aid

- Snacks for people of excessive risky areas have to be arranged with supervision of members of the concerned district/upazila disaster management committees
- For rescue operation, a permanent fund to be raised with supervision of district/upazila disaster management committee.
- The committee will set up and operate health camp.
- Ailing persons, aged persons, children and pregnant women took shelter at the shelter center have to be sent to hospital on emergency basis.

- UP members will arrange burial of dead body and dead cattle wardwise with help of volunteers with responsibility

4.2.5 Maintenance of shelter center

- At the start of disaster-prone season, keeping shelter centers usable after necessary repair.
- On emergency in which place or shelter homes shelters have to be taken will decide.
- Ensuring overall security for women, children and challenged during disaster.
- Ensuring safe water supply and other services at shelter center
- Providing assistance to the people of shifting their essential valuable resources (cattle, poultry, emergency food etc.).

4.2.6 Keeping boat prepared

- District/upazila disaster management committee will keep account of how many engine-boats are and how many and which boats will be used on emergency during disaster.
- Owners of boats will provide assistance to them in discharging the duties.
- Mobile number of owners and boatmen of boats will be preserved in emergency control room.

4.2.7 Demand assessment of damages of disaster and sending report

- Within 24 hours of the disaster SOS form and within not more than 7 days 'D form' have to be sent to union parishad chairman.
- The union parishad chairman will send compiled report of every ward within the next 12 hours to chairman of upazila disaster management committee.

4.2.8 Coordinating relief work

- Union parishad chairman will coordinate relief work of different relief and rehabilitation teams.
- In case of coming any relief distributing team from outside, which amount and type of relief materials and rehabilitation materials have been brought have to be written on a register. In which area the team will operate relief work will have to inform the control room.
- Union disaster management committee will fix which amount/number of relief materials have to be distributed as per destituteness and being affected with arrangement of publicity among people

4.2.9 Collecting and keeping dry food, life saving medicines prepared

- For instant distribution, chira, puffed rice etc have to be collected locally from village haat/bazar.
- Rice, dal, atta, oil etc food items and house construction materials including corrugated tin have to be collected from village haat/bazar.

- List of necessary medicines have to be made with help of medical assistant and family planning assistant at union level and have to be bought locally.
- Duty of coordination of necessary baby taxi and other vehicles will be on union chairmen for transport of relief materials and communication of relief workers.

4.2.10 Treatment/injection of cattle

- Considering the condition necessary medicines have to be collected from upazila livestock hospital and preserved at health center.
- Necessary trainings have to be arranged for members of union disaster management committee.
- Experienced persons will have to be managed for treatment of livestock during disaster if necessary.

4.2.11 Arranging rehearsal

- Arranging rehearsal on publicity of warning and forecast, removing, rescue and primary relief work
- Arranging disaster rehearsal continuously in cyclone/flood prone areas.
- Testing condition of preparedness with arranging rehearsal with the community during April and September every year.
- During rehearsal, bringing ailed, challenged, pregnant, women and children to shelter centers have to be specially noted.
- The rehearsal for taking people of the risky areas to shelter center have to be held at risky villages instead of the UP office.

4.2.12 Operating emergency control room

- Just after the disaster emergency control rooms have to be set up at district/upazila/union offices. Duty of at least 3/4 volunteers and village police at a time and by turn have to be ensured.
- Union parishad secretary and other responsible persons will be in charge of the control rooms. A total of 3 volunteer team will discharge duty and in every team there will be at least 3 persons. The union parishad secretary will supervise all time.

4.2.13 Shelter centers/safe places

- Places where water do not enter and away from erosion-prone area may be used as shelter centers.
- Fixed shelter centers, local school, college, government and non-government institutions, high roads and embankments may be used as shelter centers.
- Details description of every shelter center is shown with a table

4.3 List and description of safe places of upazila

Shelter center	Name	Name of union	Capacity (persons)	Comment
Matir killa/flood shelter center	Char Nangla housing center	No. 4 Balijuri	200	
	Purbo Tartapara housing center		150	
	Koladgaha Mirza Mostafa High School shelter center	No. 5 Jorkhali	300	
Cyclone shelter center	No			
School cum shelter	Balijuri Paschimpara Government Primary School	Municipality	150	

Shelter center	Name	Name of union	Capacity (persons)	Comment
	Tartapara Government Primary School	Balijuri	200	
	Nischintopur Government Primary School	Gunaritala	180	
	Pakkhimari Government Primary School		190	
	Gopalpur Government Primary School		210	
	Gorpara Nurul Aziz Government Primary School	Koroichura	200	
	Paschim Koroichura Government Primary School		215	
	Purbo Nolchhia Government Primary School		170	
	Binodtongi Government Primary School		180	
	Charpakerdah Government Primary School	Charpakerdah	190	
	Boroipara Government Primary School	Jorkhali	200	
	Charjorkhali Government Primary School		180	
	Notun Jorkhali Government Primary School		190	
	Jamdah Government Primary School		200	
	Porabari Government Primary School		Adarvita	210
	Dakkhin Gojaria Government Primary School		190	
	Patadah Government Primary School		200	
Government/non-government institution	Rayerjangalia Government Primary School	Gunaritala	150	
	Katolmari Government Primary School		160	
	Seedo Non-government Primary School	Balijuri	105	
	Tartapara High School shelter center		300	
	Mahmud Belal BM technical college shelter center		150	
	Paschim Tartapara Government Primary School		190	
	Chargolabari Government Primary School	Jorkhali	300	
	Shyamganj High School	Shidhuli	1500	
	Mirza Azam College		3000	
	Fazilpur Government Primary School	Charpakerdah	150	
Jhatkata High School	250			
UP building	Charpakerdah UP building	Charpakerdah	780	
	Koroichura UP building	Koroichura	500	
	Gunaritala UP building	Gunaritala	400	
	Balijuri UP building	Balijuri	200	
	Jorkhali UP building	Jorkhali	200	
	Adarvita UP building	Adarvita	200	
	Shidhuli UP building	Shidhuli	200	
High road	Gunaritala	Gunaritala	700	7-kilometer

Shelter center	Name	Name of union	Capacity (persons)	Comment
	From Mitalibazar via Charbotla to Mirzapur	Balijuri	200	
	Chandpur to Dakkhin Nangla		200	
	Paschim Shukhnagari		150	
	Mahmudpur high road	Koroichura	100	
	Mitalibazar high road	Charpakerdah	5000	Mitalibazar to Teghoria intersection
Embankment	Koalikandi embankment	Charpakerdah	14720	10-km
	Joterpara to Mahmudpur	Koroichura	10000	12-km
	Chandpur to Dakkhin Nangla	Balijuri	500	1.5-km
	On the Paschim Shukhnagari River		200	500 feet
	Palisha to Mukundabari	Adarvita	4000	7-km
	Modon Gopalpur to Charlotabor	Shidhuli	500	2-km

All shelter centers of the upazila are operated by union parishad and school-cum-shelters are operated by managing committee. There is no equipment or tools for volunteers in shelter centers and school-cum-shelters. Repair/construction is necessary for turning the shelter centers usable. Most of the link roads between shelter centers and dwelling houses are unfit for use. That is why, the roads need to be re-constructed and hightened. Meanwhile, there is no arrangement of light and drinking water in most of the shelter centers

4.4 Formation of management committee of shelter centers

Management of shelter center is very important part of disaster management. Many shelter centers has been unusable due to lack of right and time befitting maintenance. That is why, management of shelter centers have been included to the disaster management planning.

Why shelter center management:

- For saving life and resource during disaster
- For saving lives of cattle during disaster
- Ensuring use and maintenance of shelter center

Management committee of shelter center

- Members of management committee of shelter center are 7-9.
- The committee may be formed incorporating UP chairman/member, eminent persons, philanthropists, teachers, NGO staffs, land owners and volunteers.
- The committee may discharge duty as management committee with permission of locals.
- At least half of the members of the committee have to be women.
- Clearing concept of duty of the committee (on management of shelter center)
- The committee will discharge duty of management and overall duties in association with the people of the area.
- The committee will hold meetings with a gap of certain time, all decision have to be written on register, responsibilities have to be distributed for the implementation of decision and deadline has to be set.
- List of shelter center management committee will be attached with disaster management planning.

Which places will be used as shelter centers

- Fixed shelter centers,
- Local schools, colleges
- Government and non-government institutions
- High road, embankment

Which have to be noticed in shelter center

- Arrangements have to be there of tent/polythelene/ors/some emergency medicines/water refining tablets/bleaching power in shelter centers
- Keeping arrangements of drinking water and cooking water
- Toilet system (separate for male and female).
- Separate bathrooms for male and female.
- Keeping clean and arraning removal of garbage.
- Arranging security.
- Arraning lights.
- The shelter center have to be kept hygienic.
- Registration of people took shelter, list of goods of people and returning them properly during going away.
- Making workers and volunteers responsible for management of shelter center.
- Arranging food and medical treatment for people take shelter.
- Keeping eye specially on pregnants, women, aged persons and challenged.

Use of shelter center

- Shelter center is mainly used for safe shelter of people during disaster.
- During other times without disaster, the shelter center may be used for different social development activities.
- May be used as first aid center.
- May be used as education center of aged persons and school.
- May be used for wireless station.

Maintenance of shelter center

- Every shelter center have to be properly maintained specially it has to be kept clean.
- Local inititatives have to be taken for the sake of saving doors and windows of the shelter center from damage.
- Planned tree plantation has to be on land of shelter center.
- In other times except use during disaster shelter center has to be kept under lock and key.

Management committee of shelter center

- Members of management committee of shelter center have to be 7-9.
- The 7-9 members of the committee may be formed incorporating UP chairman/member, eminent persons, philanthropists, teachers, NGO staffs, land owners and volunteers.
- The committee may discharge duties as the management committee with permission of residents of the area.
- At least half of the members of the committee have to be women.
- Clearing concept of responsibilities of the committee (on management of shelter center).
- The committee will discharge duty of maintenance of shelter center in association with residents of the area.

- The committee will hold meetings at certain gap, decision of the meeting have to be written on register and duties have to be distributed for the sake of implementation of decisions and deadline has to be set.
- List of management committee of shelter center will be attached with the disaster management planning.
-

4.5 List of resources of district/upazila (may be used during disaster)

Infrastructure/resource	Number	Responsible person	Brief description
Shelter center	37	Shah Md Moznu Mia, Shamsuddin, Johor Ali, Tabibur Rahman, Md Mokhlesur Rahman, Hamid Zaman, Ashraf Ali, Abu Bakar, Abdus Sattar, Shafiqul Islam, Atikur Rahman, Moti, Jahangir Alam, Sri Ratan Das, Joynal Abedin, Golap Uddin, Suruj Mia, Johurul Islam, Samiul Alim, Asma Khatun, Murad Hasan, Monjurul Islam, Alamgir Hossain, Shahinur, Mushfiqur Rahman, Rezaul, Ekhlash Uddin, Jalil, Habibur Rahman, Altafur Rahman, Johurul Hoque, Mostafizur Rahman, Abdullah, Rehana, Rezaul Islam, Sirajul Islam, Abdul Bari.	During flood and different disasters, people take shelter at this shelter center. In the shelter centers, there is no arrangement of sufficient light, air and safe water.
Warehouse			
Earthen killa			Almost all materials including life jacket, gum boot, rain coat and radio have got damaged.
Car			
Speed boat	1	Md Rafiqul Alam	
Umbrella			
Large megaphone			
Small megaphone			
Wireless			
Life jacket			
Gum boot			
Siren			
Helmate			
Bicycle			
Torch light			
Aprone			
Flag stand (with flag)			
Engine-boat			
Rescue tool box			
Wireless set			
Strecher			
Mike radio (Inoperative)			
First aid box			
Table			
Chair			

4.6 Financing

Income of union parishad comes from local tax collection, bid of haat/bazar, bid of waterbodies and issuance of trade licences to different businesses. However, now-a-days bid of large haat/bazar, canals and waterbodies is no more in the hand of union parishad resulting in decreasing the income. At present, the government hands over 1% of collected income from land registration to union parishads. Earlier the amount was going completely to union parishad, but now it gets the money after paying salaries and other benefits of village police and secretary. Recently the government has taken an initiative to pay annually 4/5 lakh taka directly.

Income of the parishad

A fund will be there in the name of every union parishad.

(a) Own source(union tax, rate and fees)

Source/type	Annual income							
	Charpa kerdaha	Koroic hura	Gunarit ala	Balijuri	Jorkhali	Adarvita	Shidhuli	Total income of the 7 unions
Annual tax of residual houses	15740	20824	11330	20000	1900	6000	2065	77859
Tax on business, profession and livelihood (trade licence)	5000	11861	17800	5000	2900	5730	22000	70291
Issuing licence by parishad and licence permit fees				7000				7000
Earning through bid (haat, bazar, ghat, ponds etc)	6470	43610	49000	25000	43610	20160	9000	196850
Income from possessions						3000		3000
General fund of union parishad	5000	3000	27000	3000	3000	4000	2000	47000

(b) Grant from government

- Development sector:

Development sector:	Type of sector	Annual grant							
		Charpake rdaha	Koroic hura	Gunarit ala	Balijuri	Jorkhali	Adarvita	Shidhuli	Total of the 7 unions
	Agriculture, health and swarage, road construction and repair	1100000	1154000	600000	1400000	154000	1152185	850000	12810185

	Construction of house and repair, development assistance fund (LGSP)	500000	400862	225000	500000	400862	500000	389858	2916582
Establishment	Honorium of chairman and members	315000	155700	155700	155700	155700	315000	354000	1606800
	Salaries and benefits of secretary and other employees	450000	250000	266000	303013	250000	450000	564051	2533064
Others	Land handover tax	550000	987407	1000000	300000	987407	1074483	533667	5432964

- Establishment:

Union parishad

Honorium of chairman and members:

Chairman (7) each: From government: 1475, and from parishad: 1525,

MUP(84) each: From government: 950, and from parishad: 1200,

Secretary(scale) 7: 72062,

Chief of guards (7 unions) each: 2100,

Village police(7 unions) each: 1900,

Municipality

Mayor- 15000, councilors each- 4000, secretary- 15000, sub-assistant engineer (civil)- 8900, accountant- 8940, market inspector- 7120, licence inspector- 6640, conservancy inspector- 6290, and others including health assistant, injecting supervisor, assistant tax collector- 107540

(c) Local government source:

Local government	Annually given money							
	Charpak erdaha	Koroi chura	Gunaritala	Balijuri	Jorkhali	Adarvita	Shidhuli	Total
Upazila parishad								
Zilla parishad								

(d) Non-government source:

Name of non-government development organization	Annual grant taka							
	Charpakerdaha	Koroichura	Gunaritala	Balijuri	Jorkhali	Adarvita	Shidhuli	Total
NGO								
CDMP								

Different donor agencies, non-government development organizations are directly financing union parishads to strengthen local government. Getting more assistance is depending on capability, transparency overall good governance of union parishads. Union parishads will finance prioritizing main obstructions to overall development of the union considering major disasters. Every union parishad will formulate, finance and implement projects considering reducing risks of disasters.

Source of information: Attachment-10

4.7 Updating workplan and examining

Formulation of two follow up committees

- Follow up committees
1. Planning follow up committee
 2. Planning maintenance committee

Planning follow up committee:

5-member planning writing presentation committee

Serial no.	Name	Designation	Mobile
1	Md. Obaidur Rahman Belal	Upazila Chairman	01712601818
2	Dr. Md. Kamruzzaman	Upazila Nirbahi Officer	01715375590
3	Md Hasanul Sadek	NGO representative	01711934993
4	Syed Md. Tanvir	Upazila Agriculture Officer	01711433675
5	Md. Alauddin	Project Implementation Officer	01718632775

Duties of committee

- Discussion on draft planning and enacting final planning
- Taking help of sub-assistant agriculture officer for issue-based planning activities, such as – agriculture, animal husbandry, fishery.
The disaster planning is practical that means, it gives importance on specific work and financing.

Planning implementation and maintenance committee

Seven-member planning implementation and maintenance committee

Serial no.	Name	Designation	Mobile
1	Md. Obaidur Rahman Belal	Upazila Chairman	01712601818
2	Dr. Md. Kamruzzaman	Upazila Nirbahi	01715375590

Serial no.	Name	Designation	Mobile
		Officer	
3	Md Lablu Akter	NGO representative	01727656692
4	Mrs Layla Begum	Woman member	01916439912
5	Md Abdul Kader	Upazila Food Officer	01727870904
6	Md. Alauddin	Project Implementation Officer	01718632775
7	Md Joynal Abedin	UP chairman no. 3	01723401117

Duties of the committee

- In April/May month every year, present planning has to be updated completely through necessary correction and addition. Member secretary of the committee will take personal initiative in this regard. After every disaster, amendment has to be brought in planning after discussion of errors.
- Once in April/May month every year, once on national disaster day, disaster management rehearsal has to be performed as per directive of the Disaster Management Bureau.
- The disaster management planning has to be approved by district disaster management committee.
- Supervision of implementation of planning
- Communication with different institutions

Source of information: Attachment-10

Fifth chapter: rescue and rehabilitation

5.1 Damage assessment

- Which sectors are affected/damaged and how are described below:

Serial no.	Sectors	Description
1	Agriculture	<ul style="list-style-type: none"> • Due to floods like 1988, 1995, 1998 in Pakerdaha union Aman paddy of 1000 hectares, jute of 500 hectares and dhoincha of 500 hectares out of total 2796 may get damaged. • In Koroichura union, Aman paddy of 500 hectares and jute of 300 hectares out of total 2555 may get damaged. • In Gunaritala union, Aman paddy of 1600 hectares, jute of 500 hectares and other crops of 200 hectares out of total 2555 hectares may get damaged. • In Balijuri union, Aman paddy of 1600 hectares and jute of 1000 hectares out of total 4007 hectares may get damaged. • In Jorkhali union, Aman paddy of 2000 hectares and jute of 1000 hectares out of total 3970 hectares may get damaged. • In Adarvita union, Aman paddy of 800 hectares and jute of 500 hectares out of total 2569 hectares may get damaged. • In Shidhuli union, Aman paddy of 500 hectares and jute of 300 hectares out of total 1460 hectares may get damaged. • In Madarganj upazila, Aman paddy of 1500 hectares and jute of 500 hectares out of total 20267 hectares may get damaged due to cold wave and drought.
2	Fish	<ul style="list-style-type: none"> • Due to flood and drought, fish of 2000000 taka of 250 ponds of Charpakerdaha union may get damaged. • Due to flood and drought, fish of 1000000 taka of 40 ponds of Koroichura union may get damaged. • Due to flood and drought, fish of 1500000 taka of 70 ponds of Gunaritala union may get damaged. • Due to flood and drought, fish of 1000000 taka of 45 ponds of Balijuri union may get damaged. • Due to flood and drought, fish of 1200000 taka of 70 ponds of Jorkhali union may get damaged. • Due to flood and drought, fish of 1300000 taka of 60 ponds of Adarvita union may get damaged. • Due to flood and drought, fish of 1600000 taka of 70 ponds of Shidhuli union may get damaged. • Due to flood and drought, fish of 1300000 taka of 70 ponds of municipality may get damaged.
3	Trees	<ul style="list-style-type: none"> • Due to flood, 10000 fruit trees, 10 nurseries, 20000 plants, 6000 medicinal trees of the upazila may be affected • Due to storm, 22000 fruit trees, 10 nurseries, 28000 plants,

		15000 medicinal trees of the upazila may be affected
4	Health	<ul style="list-style-type: none"> • Due to flood, 2% of people of the upazila may get infected with Jaundice, 5% of people may get infected with Diarrhoea, 7% of people may get infected with fever, 4% of people may get infected with dysentery and 5% of people may get infected with skin diseases in total 295975 people. • Due to drought, 4% of people of the upazila may get infected with Jaundice, 5% of people may get infected with Diarrhoea, 7% of people may get infected with fever, 4% of people may get infected with dysentery and 5% of people may get infected with skin diseases in total 295975 people.
5	Livelihood	<p>There are people of 4 types of livelihoods in Madarganj upazila. Of them 1) on agriculture 38000 people, 2) on business 5000 people, 3) on fishing 10000 people and 4) on agricultural labor 15000 people.</p> <p>Due to flood, 20000 farmers out of total 38000 of the upazila may be affected.</p> <p>Due to flood, 3000 businessmen out of total 5000 of the upazila may be affected.</p> <p>Due to flood, 5000 fishermen out of total 7000 of the upazila may be affected.</p> <p>Due to flood, 10000 agricultural laborers out of total 15000 of the upazila may be affected.</p> <p>Due to storm, 10000 farmers out of total 38000 of the upazila may be affected.</p> <p>Due to storm, 1000 businessmen out of total 5000 of the upazila may be affected.</p> <p>Due to storm, 3000 fishermen out of total 7000 of the upazila may be affected.</p> <p>Due to storm, 7000 agricultural laborers out of total 15000 of the upazila may be affected.</p> <p>Due to cold wave, 8000 farmers out of total 38000 of the upazila may be affected.</p> <p>Due to cold wave, 2000 businessmen out of total 5000 of the upazila may be affected.</p> <p>Due to cold wave, 4000 fishermen out of total 7000 of the upazila may be affected.</p> <p>Due to cold wave, 8000 agricultural laborers out of total 15000 of the upazila may be affected.</p>
6	Infrastructure	<p>Due to flood, 20000 kacha houses out of total 45880 and 100 concrete houses out of total 810 of Madarganj upazila may be affected.</p> <p>Due to storm, 25000 kacha houses out of total 45880 and 200 concrete houses out of total 810 of Madarganj upazila may be</p>

		affected. Due to flood, 250 kilometers of earthen roads out of total 598.5 kilometers of the upazila, 45 kilometers of concrete roads out of total 154 kilometers, 20 bridges out of total 76, 70 culverts out of total 222, 2 sluis gate out of total 2 may get damaged.
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Source of information: Attachment-10

5.2 Rapid/advanced recovery

5.2.1 Administrative reestablishment

Sl no.	Name	Designation	Mobile
1.	Md.Obaidur Rahman Belal	Upazila Chiarman	01712601818
2.	Dr.Mohammad Kamruzzaman	Upazila Nirbahi Officer	0982556005
3.	Md. Mosarof Hosen	Poura Mayor	01916469853
4.	Mrs.Nazma parvin Monni	Upazila Vice Chiarman(Women)	01718400012
5.	Sha Md.Mujno Mia	Up Chiarman 1 no.	

5.2.2 Cleaning debris

Serial no.	Name	Designation	Mobile
1	Md Tofazzal Hossain	Sub-Assistant Engineer (Public Health)	01716944949
2	Md. Anwar Hossain	Upazila Livestock Officer	0982556024

Unionwise committee is given below:

Union	Sl.No.	Name	Designation	Contact No
Char Pakerdaha	1	Abizol	volunteer	01925301214
	2	Lal Mia	”	01739662627
	3	Laki Aktar	”	01739662627(R)
	4	Md. Hanif	”	01927961791
Koroichura	1	Bozlo	”	01714854283
	2	Samiul	”	01739532553
	3	Bablu	”	01715291142
	4	Mrs. Nazma	”	01929102425
Gunaritala	1	Md. Robbani	”	01718202070
	2	Mrs. Shirina Begum	”	01915178144
	3	Md. Helal	”	01920298447
	4	Md. Arif Hossin	”	no
	5	Abdul Jolil	”	01950182310
Balijuri	1	Mizanur Rohman	”	01936109925
	2	Ziaul	”	01925413939
	3	Muktar	”	01935675221
	4	Md. Altaf Hossain	”	01936109925
	5	Md. Fozlul Haq	”	01942796197

Jorkhali	1	Md. Kamrul hasan	”	01724938801
	2	Md. Shuhag Mia	”	01761356597
	3	Md. Sanuar	”	01754219297
	4	Md. aminur Rahman	”	01768595927
	5	Mrs. Chaina	”	01735377861
Adarvita	1	Niamul Kobir	”	01713548141(R)
	2	Mukaddes	”	01713548141
	3	Chan Mia	”	01807064553
	4	Abdul Barek	”	01747745556
	5	Shanuar	”	01763577534
Shidhuli	1	Bimul Kumar Dev	”	01712887188
	2	Belal Hossen	”	01713511394
	3	Md. Jolil Mia	”	01741153035
	4	Md. Shujon Mia	”	01753996374

5.2.3 Restarting public service

Sl.No	Name	Designation	Contract Number
1.	Md.Obaidur Rahman Belal	Upazila Chiarman	01712601818
2.	Dr.Mohammad Kamruzzaman	Upazila Nirbahi Officer	0982556005
3.	Md. Saiful Islam	Upazila Vice Chiarman	01712601818 R
4.	Md. Mosarof Hosen	Poura Mayor	01916469853
5.	Md. Mukhlesur Rahman	Up Chiarman No 2	01716170154

5.2.4 Emergency Livelihood Assistance:

Sl.No	Name	Designation	Contract Number
1.	Md.Obaidur Rahman Belal	Upazila Chiarman	01712601818
2.	Dr.Mohammad Kamruzzaman	Upazila Nirbahi Officer	0982556005
3.	Mrs.Nazma parvin Monni	Upazila Vice Chiarman(Women)	01718400012
4.	Md. Mosarof Hosen	Poura Mayor	01916469853
5.	Md. Mukhlesur Rahman	Up Chiarman No 2	01716170154

Source of information: Attachment-10

Upazila Project Implementation Officer
Upazila –Madarganj, District-Jamalpur.

Upazila Nirbahi Officer
Upazila –Madarganj, District-Jamalpur.

Attachment-1

Checklist of implementation of planning during disaster

Checklist

With broadcast of danger signal no. 5 through radio and television below-stated list/checklist has to be examined and instant necessary steps to be taken:

Serial no.	Subject	Yes/no
1	Selected volunteers have been called on and directed for starting publicity upcoming danger after broadcast of warning	
2	Whether responsible persons/teams are ready for rescuing people of risky areas or not	
3	Publicity for keeping dry food and drinking water of 1-2 days preserved under soil was there	
4	Life jackets have been provided to members of volunteer team for the sake of security	
5	Arrangements have been taken for necessary manpower to keep union control room all time open.	
6	Necessary security system is there for union food warehouse/relief warehouse.	

N.B:

- After examining checklist, arrangements have to be taken on emergency basis where errors will be found.
- Collection of life jackets for volunteer team by union parishad fund or any source/organization

Checklist

Within 15th of April/May every year, fulfilling the checklist after discussion in disaster management committee meeting has to be sent to Upazila Nirbahi Officer and district administration.

Serial no.	Subject	Tik mark at proper place
1	Sufficient food is preserved at union food warehouse	
2	Injection was given to the children of the risky area	
3	Children of 1-6 years and mothers have been fed vitamin-A	
4	Stock of orsaline is in UP clinic hospital	
5	Annual trainings have been arranged for members of volunteer team	
6	Necessary medicines and instruments for first aid is there for every shelter center	
7	Selected rural physicians are present for every shelter center	
8	Tubewell is there in every shelter center	
9	Doors and windows of shelter centers are ok	
10	Selected caretaker is present for every shelter center	
11	Separate arrangements are there for women in every shelter center	
12	Selected foster-mothers are in the area for taking care of pregnant women of every shelter center	
13	Necessary microphones are operative for taking position of cattle	
14	Members of volunteer team have been made conscious about their duties and responsibilities	
15	There are arrangements of toilets in shelter centers	
16	Necessary microphones are there for publicity of weather forecast and danger signals	
17	People have been made conscious for preserving dry food and drinking water for at least 1/2 days	
18	Others	

Attachment-2**Disaster Management Committee of Madergonj Upazilla**

S.L No	Name	-Designation	Member	Mobile
1.	Md.Obaidur Rahman Belal	Upazilla Chairman	President	01712601818
2.	Dr. Md Kamruzzaman	UNO	Co-Chairman	0982556005
3.	Md. Mosaraf Hosain Lemon	Mayor	Member	01916469853
4.	Md. Saiful Islam	Upazilla Vice Chairman	Member	01928720306
5.	Mrs. Nazma pervin Monni	Upazilla Vice Chairman	Member	01910543336
6.	Shah Mohammad Mojnu miah	1 no UP Chairman	Member	01718400012
7.	Md. Mukhlesur Rahman	2 no UP chairman	Member	01716170154
8.	Md. Joyal Abedin	3 no UP Chairman	Member	01723401117
9.	Md. Monjurul Islam Musa	4 no UP chairman	Member	01712204500
10.	Md. Alamgir Hosain	5 no UP Chairman	Member	01713369935
11.	Md. Altafur Rahman	6 no UP Chairman	Member	01712698044
12.	Md. Sirjul Islam	7 no UP Chairman	Member	01712225580
13.	Sayod Mohammad Tanvir	Upazilla Agri-Officer	Member	01711433675
14.	Dr.Mohammad Motiur Rahman	Upazilla Health Family Planning Offic	Member	01715058064
15.	Md. Anwar Hosain	Creatures Resources Officer	Member	0982556024
16.	Dr. Mohmmad Kamruzzaman	Acting Deputy Commissioner (Land)	Member	0982556003
17.	Sumir Kumar Basak	Upazilla Fisheries Officer	Member	0982556102
18.	Md. Samos Uddin	Upazilla Education Officer	Member	01712591045
19.	Jugol Krisnah Moldal	Upazilla Engineer Officer	Member	01754129921
20.	Oni Rodra Roy	Upazilla Social Services Officer	Member	01718970112
21.	Dr. Mohammad Ashaduzzaman	Upazilla Family Planning Officer	Member	01712585916
22.	Abdul Kader	Upazilla Food Controlar	Member	01727870904
23.	Abdul Awal	Acting Officer(Police)	Member	01713373543
24.	Md. Tufazzol Hosain	Upazill Assistant Engineer (Public Health)	Member	01716944949
25.	Mrs Shahinur Khan	Upazilla youth Development Officer	Member	0719539531
26.	Md. suruzzaman	Upazilla cooperative Officer	Member	0982556108
27.	Abdur Rashid	Upazilla Secondary Education Officer	Member	01716523447
28.	Morshalima Begum	Upazilla Women Affairs Officer	Member	01712585916
29.	Md. Anwar	Upazilla Ansar & VDV Officer	Member	01717874605
৩০।		Fire Service & Civil Defence		
31.	Mrs. Wahida Begum	Powrasava Women Member	Member	01823405698
32.	Mrs. Laila Begum	Powrasava Women Member	Member	01916439912
33.	Mrs. Mahmuda Mery	Powrasava Women Member	Member	01911370821
34.	Md. Mamunur Rashid	BRDB Officer	Member	01712117334
35.		Red Crisent Society Representative	Member	
36.		Deputy Director (CPP)	Member	
37.	Mir Hasanul Sadek	NGOs Representative	Member	01711934993
38.	Rashida Akter	NGOs Representative	Member	
39.	Sanjid Kumar Dey	NGOs Representative	Member	
40.	Mirza Humaun Kobir	Press Club President	Member	01716776107
41.	Md. Nazrul Islam	Principal Girls college	Member	01712265046
42.	Shagjada Bulbul	Upazilla Comander	Member	
44.	Md. Alauddin	PIO	Member Secretary	01718632775

Sources of Data : Enclose-10.

Attachment-3

Volunteers list of Union

Attachment-3(1)					
Volunteers List of 1 no Char pakerdaha Union					
Upazill- Madergonj.				Total=36	
S.I No	Name	Name of Father/Husband	Ward No	Training	contract Number
1	Md. Abijol	Altab Hosen	1no Ward	Search & Rescue	01925301214
2	Lal Miah	Sukur Miah	1no Ward	First Aid	01739662627
3	Mrs Laky	Abdul kader	1no Ward	Shelter Management	01739662627 R
4	Shilpy Akter	Abdul Khakil	1no Ward	promotin Alerts	01759126388
5	Sohel	Ab. Rahim	2 no Ward	Search & Rescue	01937391353
6	Kamrunnahar	Shah Alam	2 no Ward	First Aid	01761395241
7	Hanif	Paluan	2 no Ward	Shelter Management	01927961797
8	Suraiya	Jahidul	2 no Ward	promotin Alerts	01924993534
9	Saiful	Nayeb Ali	5 no Ward	Shelter Management	01922657625
10	Razu	Muslem Uddin	3 no Ward	promotin Alerts	01916077398
11	Sagarika	Samsul	3 no Ward	Search & Rescue	01925493795
12	Rajia Sultana	Liton	3 no Ward	promotin Alerts	01925493795 R
13	Akhi Begum	Alamgir	3 no Ward	Shelter Management	01754873868
14	Rahima	Motaleb	4 no Ward	promotin Alerts	01931483519
15	Somrat	Totamiah	4 no Ward	Shelter Management	01743151564
16	Shah Alam	Golam Mondol	4 no Ward	promotin Alerts	01917473087
17	Siddik	Chan Miah	4 no Ward	Search & Rescue	01929684859
19	Julekha Akter	Ab. Malek	5 no Ward	promotin Alerts	01914540523
19	Mrs. Eity	Yousuf	6 no Ward	promotin Alerts	01916097420
20	Momtaj	Zillur Rahman	7 no Ward	Search & Rescue	01916097420
21	Sujadowllah	Nur Mohammad	7 no Ward	First Aid	01720077319
22	Lebu Miah	Md. Sohrab	7 no Ward	Shelter Management	01936857760
23	Shahadod Hosen	Sultan	8 no Ward	promotin Alerts	01935947664
24	Akkas	Farhad	8 no Ward	Search & Rescue	01936107799
25	Afroja	Zinnah	8 no Ward	First Aid	01743607583 R
26	Sharmin	Anisur	8 no Ward	Shelter Management	01743607583
27	Moriom	Khomir Uddin	5 no Ward	promotin Alerts	01934834252
28	Ranju Ahmmed	Shadula Sarker	9 no Ward	Shelter Management	01916605797
29	Md. Anisur	Fajlul Haque	9 no Ward	Search & Rescue	01919853564
30	Hasna Begum	Shafir	5 no Ward	Search & Rescue	01934854252 R
31	Khaibor	Khoka	5 no Ward	First Aid	01685285673
32	Bipul Miah	Ashraful Islam	6 no Ward	Shelter Management	01821082598
33	Pervaz Miah	Mozahar Islam	6 no Ward	promotin Alerts	01733602535 R
34	Baby Akter	Belal	6 no Ward	Search & Rescue	01922331308
35	Shabana	kalam Sarker	9no Ward	First Aid	01732124695 R
36	Morseda	Rabiul islam	9no Ward	promotin Alerts	01913794436

Attachment-3 (2)					
Volunteers List of 2 no Kodaichuda Union					
Upazilla-Madergonj.					
Total=26					
S.I No	Name	Name of Father/Husband	Ward No	Training	Contract Number
1	Bojlu	Ab. Halim	1 no Ward	Search & Rescue	01714854283
2	Shamiul	Asad Miah	1 no Ward	First Aid	01739532555
3	Babul	Aziz	1 no Ward	Shelter Management	01715291142
4	Mrs. Nazma	Ab. Nurul islam	1 no Ward	Promotion Alerts	01929102425
5	Shahidul	Khalil	2 no Ward	Search & Rescue	01716379785
6	Mister	Mukter Hosen	2 no Ward	First Aid	01728377864
7	Majnu	Khoisar	2 no Ward	Shelter Management	01716584228
8	Asad	Delwar Hosen	2 no Ward	Promotion Alerts	01926576061
9	Jobeyer	Ishaq	3 no Ward	Shelter Management	01689836352
10	Shihab	Ab.Satter	3 no Ward	Promotion Alerts	01933290747
11	Rasel	Ab. Mafiz	3 no Ward	Search & Rescue	01739272128
12	Mufu Miah	Ab. Samad	3 no Ward	Search & Rescue	01735714068
13	Ranga	Rabiul islam	4 no Ward	First Aid	01728907628
14	Liton	Moti Miah	4 no Ward	Shelter Management	01726636509
15	Arif	Mostafizur Rahman	4 no Ward	Promotion Alerts	01912483260
16	Mrs Hosneyara	Azim uddin	4 no Ward	Shelter Management	01725551729
17	Mahfuzur Rahman	Shafiqul Islam	5 no Ward	Promotion Alerts	01925128988
18	Habib	Sultan	5 no Ward	Search & Rescue	01925128986
19	Asu miah	Bahadur	5 no Ward	Shelter Management	01722455229
20	Monjurul	Aman	5 no Ward	Promotion Alerts	01726062184
21	Anwar	Halim	6 no Ward	Search & Rescue	01712408327
22	Arshad	Mahatab	6 no Ward	Search & Rescue	01930498988
23	Sapna	Miyer Uddin	6 no Ward	First Aid	01729951379
24	Fazila	Abusama	6 no Ward	Shelter Management	01728783421
25	Shahin	Abutaleb	9 no Ward	Shelter Management	01721607899
26	Belal	Halim	9 no Ward	Promotion Alerts	01913178999

Attachment-1(3)**Volunteers Name List of 3 no Gunaritala Union
Upazilla – Madergonj.**

Total=36

S.I No	Name	Name of Father/Husband	Ward No	Training	Contract Number
1	Md. Rabbany	Sekander Ali	1 no Ward	Search & Rescue	01718262073
2	Mrs. Shirina Begum	Ab. Masud	1 no Ward	First Aid	01915178144
3	Md. Helal	Mukhsed Ali	1 no Ward	Shelter management	01920298447
4	Md. Arif Hosen	Montazur Rahman	1 no Ward	Promotion Alerts	
5	Ab. Jolil	Late-Hakim Foraji	2 no Ward	Search & Rescue	01950182310
6	Md. Aminul islam	Anwar Hosen	2 no Ward	First Aid	01737309658
7	Md. Rafiqul islam	Iskar Ali	2 no Ward	Shelter management	01922698587
8	Md. Babul Miah	Mojibor Rahman	2 no Ward	Promotion Alerts	01917559225
9	Md. Lebu Mia	Getha mia	3 no Ward	Shelter management	01925419300
10	Mrs. Mony Akter	Habibur Rahman	3 no Ward	Promotion Alerts	0186023580
11	Md. Rabiul islam	Tafil Uddin	3 no Ward	Search & Rescue	01945676322
12	Md. Miah	Saibaly	3 no Ward	Promotion Alerts	01850811502
13	Md. Altaf Hosen	Hanif Uddin	4 no Ward	Shelter management	01720610210
14	Ab. Rashid	Shahjahan	4 no Ward	Promotion Alerts	01932269525
15	Mrs. kajoly	Ab. Kader	4 no Ward	Shelter management	01770591798
16	Md. Asadullah	Ab. Salam	4 no Ward	Promotion Alerts	01715285397
17	Md. Imran khan	Ala Khan	5 no Ward	Search & Rescue	01714311380
18	Md. Rezaul karim	Samos Uddin	5 no Ward	Promotion Alerts	01724351283
19	Md. Aminul islam	Tara Mia	5 no Ward	Promotion Alerts	01724351283R
20	Md. Rafiqul islam	Getha Mia	5 no Ward	Search & Rescue	01724832618
21	Md. Hablul moti	Late-Mahisin	6 no Ward	First Aid	01713111159
22	Md. Babul Mia	Ab.Kalam	6 no Ward	Shelter management	01940486186
23	Md. Aminul	Md.Hasan Ali	6 no Ward	First Aid	01729686391
24	Md. Nazrul islam	Ab. Malek	6 no Ward	Search & Rescue	01923960121
25	Gulam Faruq	Late-Mafiz Uddin	7 no ward	First Aid	01744780826
26	Md. farhad	Ab. Hamid	7 no ward	Shelter management	01740911926
27	Md. Nurnobi	Gulam Mostofa	7 no ward	Promotion Alerts	01761851635
28	Md. Mosaraf Hosen	Late-Aroj Ali	7 no ward	Shelter management	01791359491
29	Md.Israfil Hosen	Late- Ab. Hakim	8 no Ward	Search & Rescue	01733280980
30	Md. Al amin	Ab. Satter	8 no Ward	Search & Rescue	01761567892
31	Abdullah	Ab. Rouf	8 no Ward	First Aid	01724473548
32	Md. Alauddin	Late- Ayez Uddin	8 no Ward	Shelter management	01720318319
33	Md. Masudur Rahman	Ab. Rashid	9 no Ward	Promotion Alerts	01770775664
34	Md. Saiful islam	Ab. Rashid	9 no Ward	Search & Rescue	01718647244
35	Md. shamiul islam	Ab. Sarder	9 no Ward	First Aid	01770274144
36	Ab. Mannan	Mozaffor	9 no Ward	Shelter management	01793355613

Attachment-3(4)**Volunteers List of 4 no Balijuri Unio**

Upazilla-Madergonj.

Total=36

S.I No	Name	Name of Father/Husband	Ward No	Training	contract Number
1	Mizanur Rahman	Late-Giasuddin	Char Bowla -01	Search & Rescue	01936109925
2	Mrs. Nasima Begum	Mozammel Hosen	Mirzapur-01	First Aid	01721018044
3	Akhi Akter	Hamidul	Mirzapur-01	Shelter management	01722311472
4	Md. Altaf Hosen	Ab.Rahim	Uttar char Bowla-1	Promotion Alerts	01932104625
5	Md.Fazlul Haque	Ab. Gafur	Kamaria-2	Search & Rescue	01942319315
6	Toeb Ali	gulap khan	Suvogacha -2	First Aid	01940810393
7	Mahmuda Akter Minu	Rafiqul islam	Kamaria-02	Shelter management	01914453258
8	Mukta	Saidur Rahman	Kamaria-02	Promotion Alerts	01930468916
9	Dulena	Milan	Nathagari-3	Promotion Alerts	01915756116
10	Ziaul	Rulmia	Nathagari-3	Shelter management	01925413939
11	Mukter	Joynal	Nathagari-3	Search & Rescue	01935675221
12	Piyara	Zinmodol	Nathagari-3	First Aid	01914266463
13	Solaiman Haque	Suruzzaman	Tartapara-4	Shelter management	01918886496
14	Tatan	Johurul Islam	Tartapara-4	Promotion Alerts	01927050732
15	Beauty	Mukhlesur Rahman	Tartapara-4	Search & Rescue	01943656743
16	Josef	Sujadowllah	Tartapara-4	First Aid	01949182311
17	Aleza	Rabbani	Namatartapara-5	Shelter management	01925620275
18	Shirina Begum	Md. Solaiman	Namatartapara-5	Promotion Alerts	01929326725
19	Shiblu	Solaiman Haque	Tartapara-5	Promotion Alerts	01928182899
20	Habibur Rahman	Rarhad Hosen	Tartapara-5	Shelter management	01758882713
21	Sundori	Toslem	Pachim Tartapara-6	Search & Rescue	01921557954
22	Shamiul Islam	Thandu Mondol	Pachim Tartapara-6	First Aid	01939443112
23	Nurunnahar	Mojnu Miah	Pachim Tartapara-6	Search & Rescue	01919853562
24	Farid	Normiah	Pachim Tartapara-6	First Aid	01913740001
25	Ruma	Shajahan	Sukhnogory-7	Shelter management	01921134374
26	Manik Mia	Jalal Uddin	Sukhnogory-7	Promotion Alerts	01921178310
27	Gulam Rabbani	Late-Momtaz Mondol	Sukhnogory-7	Promotion Alerts	01926341501
28	Mrs. Sefaly	Safiqul Islam	Sukhnogory-7	Search & Rescue	01938554063
29	Shilpi	Sona Miah	Char Nangla -8	Shelter management	01716507870
30	Mizanur Rahman	Motaleb Akondah	Char Nangla -8	Search & Rescue	01938530912
31	Kabil Hasan	Shah Ali Promanik	Char Nangla -8	First Aid	01930157918
32	Nusrad jahan	Bofad Uddin	Char Nangla -8	Search & Rescue	01944452500
33	Iarad jahan	Shahid	Sukhnogori-9	First Aid	01926875633
34	Kamrul Hasan	younus Ali	Sukhnogori-9	Shelter management	01924437722
35	Abul Hosen	Abdur Haque	Sukhnogori-9	Promotion Alerts	01911422382
36	Anjuara	Jahangir	Sukhnogori-9	Shelter management	01925494667

Attachment-3(5)**Volunteers Name List of 5 no Jorkhali Union**

Upazilla-Madargonj.

S.I No	Name	Name of Father/Husband	Ward No	Training	Contract Number
1	Md. Sohag Mia	Md. Humaun Kobir	6 no	First Aid	01761356597
2	Md. Sanuwar Hosen	Md. Sultan Mia	6 no	Shelter management	01754219297
3	Md. Aminur Rahman	Md. Ohizzol	6 no	Promotion Alerts	01768595927
4	Mrs. China	Md. Bilter Hosen	6 no	Search & Rescue	01735378161
5	Md. Mokul Hosen	Md. Arman	7 no	First Aid	01876711365
6	Md. Nobir Hosen	Md. Samsul	7 no	Shelter management	01933384061
7	Mrs. Selina	Md. Mostafa	7 no	Promotion Alerts	01933384061 R
8	Mrs. Rubina Begum	Mohammad Ali	7 no	Shelter management	01717245076
9	Md. Khorsed Alam	Md. Ismail Hosen	8 no	Promotion Alerts	01749375354
10	Mrs. Honufa	Md. Lider Khan	8 no	Search & Rescue	01749375354R
11	Mrs. Aleya	Md. Afzal Hosen	8 no	Promotion Alerts	01730601861
12	Md. Rostom Ali	Md. Rezaul Karim	8 no	Shelter management	01843916850
13	Mrs. Reba Khatun	Md. Rafiqul	9 no	Promotion Alerts	01763164298
14	Mrs. Selina	Md. Bacchu Mia	9 no	Shelter management	01920172005
15	Md. Alhaj Rana	Md. Suza uddin	9 no	Promotion Alerts	01947216970
16	Md. Mostafizur Rahman	Md. Iddis Ali	9 no	Search & Rescue	01920172005R
17	Mrs. Shahnaz Pervin	Md. Monjurul islam	1 no	Promotion Alerts	01761642992
18	Mrs. Taniya	Md. Shamiul Haque	1 no	Promotion Alerts	01722654082
19	Md. Shamiul islam	Md. Sohrab Ali	1 no	Search & Rescue	01727833888
20	Md. golap Nobi Mister	Ms. Abdullah	1 no	First Aid	01766648868
21	Mrs. Laky Akter	Md. Mofazzol	2 no	Shelter management	01754219235
22	Mrs. Halima Begum	Md. Ibrahim	2 no	Promotion Alerts	01754219298
23	Md. Nazrul islam	Md. Korban	2 no	Search & Rescue	01732358397
24	Ab. kader	Ab. Jobber	2 no	First Aid	01711517529
25	Md. Rezaul Karim	Md. Kalam	3 no	Shelter management	01751583059
26	Md. Ataur Rahman	Md. dusor Mondol	3 no	Promotion Alerts	01744415518
27	Mrs. Rina Akter	Md. Babul Miah	3 no	Shelter management	01740563583
28	Mrs. Anjuara	Md. Asdul Haque	3 no	Search & Rescue	01728334789
29	Md. Saiful islam	Md. Bazu Mondol	4 no	Search & Rescue	01763602312
30	Md. Shahidul	Fozi Mondol	4 no	First Aid	01763602312R
31	Mrs. Asma	Md. Saiful islam	4 no	Shelter management	01763565261
32	Mrs. Sefali	Md. Shamiul	4 no	Promotion Alerts	01729330948
33	Mrs. Monoara	Md. Saidur Rahman	5 no	Search & Rescue	01720043134
34	Mrs. Shikha Akter	Late-Kalam Akonda	5 no	First Aid	01758945059
35	Mrs. Shahnaz pervin	Md. Shajahan	5 no	Shelter management	01731087787
36	Md. Kamrul Hasan	Md. Belal Miah	5 no	Search & Rescue	01724938801

Attachment-3(6)**Volunteers Name List of 6 no Adervita Union**

Upazilla-Madernonj. Total Number of Member=36

S.I No	Name	Name of Father/Husband	Ward no	Training	Contract Number
1	Niyamul kobir	Amzad	6 no	Search & Rescue	01713548141R
2	Mokaddes	Adnan	6 no	First Aid	01713548141
3	Chan Miah	Bareq	6 no	Shelter Center management	01807064553
4	Ab. Bareq	Ab. Khalek	6 no	Promotion Alerts	01747745556
5	Sanuwar	Kala Miah	8 no	Search & Rescue	01763577534
6	Aslam	Belal Uddin	8 no	First Aid	01770455164
7	Fazlul Haque	Karimul	8 no	Shelter management	01726952680
8	Kamrul Hasan	Bahadur Alam	8 no	Promotion Alerts	01725350780
9	Shahidul	Kalu Sheik	3 no	Shelter management	01733104597
10	Gulam Mowla	Romzan Ali	3 no	Promotion Alerts	01759757754
11	Joynal	Dudu Miah	3 no	Search & Rescue	01732483903
12	Suhag	Samad Ali	3 no	Promotion Alerts	01759757754R
13	Shajedul	Kalam Bepary	5 no	Shelter management	01748946496
14	Ab. Satter	Hobi	5 no	Promotion Alerts	01735525355
15	Belal Hosen	Getha	5 no	Shelter management	01745418867
16	Shahidul	Jolil Miah	5 no	Promotion Alerts	01780272272
17	chan Miah	Bhadsa	1 no	Search & Rescue	01741153013
18	Mrs.Mazeda	Hosen Ali	1 no	Promotion Alerts	01789436369
19	Sayed Hasan	Ziyer Ali	1 no	Promotion Alerts	01713524219
20	Bhadsa	Mostofa	1 no	Search & Rescue	01748577150
21	Shamim	Suruzzaman	4 no	First Aid	01768482872
22	Tara Miah	Atahar	4 no	Shelter management	01749429298
23	Anda Miah	Shajahan	4 no	First Aid	01733981035
24	Liton	Manohar	4 no	Search & Rescue	01733602165
25	Ab. Gofur	Ab. Satter	2 no	First Aid	01736740952
26	Mokul	Salam	2 no	Shelter management	01727274481
27	Shamim	Afjal	2 no	Promotion Alerts	01727857038
28	Biplob	Mojnu	2 no	Shelter management	01736440380
29	Tomaj Ali	Zahad Ali	7 no	Search & Rescue	01782861176
30	Fakir Ali	Tara Miah	7 no	Search & Rescue	01771277517
31	Alam	Moynal	7 no	First Aid	01754081802
32	Hakim	Tota Miah	7 no	Shelter management	01793784969
33	Habijul	Keramad Ali	9 no	Promotion Alerts	01761594632
34	Rubel	Sohar	9 no	Search & Rescue	01766412687
35	Mrs. Nurunnahar	Sobahan	9 no	First Aid	01767929356
36	Dulal	Sultan Miah	9 no	Shelter management	01745749220

Attachment-3(7)					
Volunteers List of 7 no Shiduly Union					
Upazilla-Madargonj.					
					Total=27
S.I No	Name	Name of Father/Husband	Ward No	Training	Contract Number
1	Md. Jolil Miah	Md. Soyem Uddin	1 no	Search & Rescue	01741153035
2	Md. suzon Miah	Md. Osman	1 no	First Aid	01753396374
3	Md. Joglu Miah	Md. Jabokker	1 no	Shelter management	01754219288
4	Md. Sultan Miah	Md. Abul Hosen	1 no	Promotion Alerts	01761888012
5	Md. Saiful Miah	Nurul Islam	2 no	Search & Rescue	01685046248
6	Md. Aynul	Hasan Miah	2 no	First Aid	01765479737
7	Md. Shafiqul	Noyemuddin	2 no	Shelter management	01713538468
8	Md. Almas	Afsar	2 no	Promotion Alerts	01747754186
9	Md. Lukman	Fojol Mondol	3 no	Shelter management	01719984139
10	Md. Motiur Rahman	Bhahajuddin	3 no	Promotion Alerts	01737017806
11	Md. Amzad	Md. Wazed Ali	3 no	Search & Rescue	01753857876
12	Md. Saiful Islam	Fazan Mondol	3 no	Promotion Alerts	01719984139
13	Md. jewel	Md. Wazed Ali	4 no	Shelter management	01721289673
14	Md. Biddud	Sada Miah	4 no	Promotion Alerts	01741325825
15	Md. Ronju	Mohammad	4 no	Shelter management	01741325825R
16	Md. Jewel Rana	Md. Alauddin	4 no	Promotion Alerts	01718813994
17	Md. Afsar Ali	Tafil	5 no	Search & Rescue	01747549743
18	Md. Sujad Ali	Md. Momtaj	5 no	Promotion Alerts	01747748477
19	Sona Miah	Yequb mondol	5 no	Promotion Alerts	01747748477R
20	Md. Aijol	Samsher	5 no	Search & Rescue	01747748477R
21	Md. Rasedul	Mojibor Rahman	6 no	First Aid	01728330320
22	Abul Miah	Azizol Haque	6 no	First Aid	01762355986
23	Md. Moinuddin	Jafor Sheik	6 no	First Aid	01852996926
24	Md. Rasedul	Rabiul islam	6 no	Search & Rescue	01760446116
25	Md. Shahin	Md. Shirajol islam	7 no	First Aid	01772308761
26	Md. Babul Miah	Md. Helal	7 no	First Aid	01726403938
27	Md. Bojlu Miah	Md. Joynal	8 no	Promotion Alerts	01740854094

Attachment-4

There is no Ground killaha in Upazilla.

School CumShelter

Name of Union	Name of Shelters Center	Responsible person	Contract Number	Remarks
Charpakerdaha	charpakerdaha Govt Primary School	Shahidullah Chowdhury	01735714525	
Kodaichuda	Gadpara Nurul Aziz Govt primary School	Hamidzaman	01919609906	
	Pachim Kodaichuda Govt primary School	Ashraf uddin	01913304690	
	Pachim Nalshiya Govt primary School	Abu Bokkor	01772879918	
	Binudtongi Govt primary School	Ab. Satter	01718667065	
Gunaritola	chargupalpur Govt primary School	Moti	01722153850	
	Paximary Govt primary School	Jahangir Uddin	01920188065	
	Nichintopur Govt primary School	Sri Raton das	01740647860	
Balijuri	Tartapara Govt primary School	Asma Khatun	01724374498	
JorKhali	Baraipara Govt primary School	Rezaul	01854167015	
	CharjorKhali Govt primary School	Akhlash Uddin	01737764007	
	Nonun jorkhali Govt primary School	Ab.Jolil	01727474155	
	Jamdaha Govt primary School	Habibur Rahman	01725161499	
Adervita	Porabari Govt primary School	Abdullah	01713569890	
	Daxin Gojariya Govt primary School	Rehana Begum	01978903499	
	Patadaha Govt primary School	Rezaul	01712483464	

Government /Non-government Institute

Name of Union	Name of Shelters Center	Responsible Person	Contract Number	Remarks
Charpakerdaha	Fazilpur Govt Primary School	Abul basar	01914567682	
	Jarkata High School	Ab. Malek	01718722943	
Gunaritala	Rayer jangaliya Govt Primary School	Mrs. Tahmina	01753180277	
	Kathlamary Govt Primary	Md. Abdur	01711517487	

Name of Union	Name of Shelters Center	Responsible Person	Contract Number	Remarks
	School	Rezzak		
Balijuri	SEEDO Nongovt Primary School	Md. Morad Hasan	01917866292	
	Tartapara High School	Mrs.Ommey Kulsum	01936116428	
	Mahmud Belal B.Am Technical College	Md. Shamiul Alam	01716773653	
	Pachim Tartapara Govt Primary School	Mrs.Asma khatun	01716080017	
Jorkhali	Chargulabari Govt Primary School	Md. Shahinur Rahman	01724749497	
	Koladaha mirza Mostofa High School	Musfiqur Raman	01719217341	
Adervita	Patadaha High School	Md. Johurul Haque	01719720052	
	Mirza Azam College	Mostafizur Rahman	01712711617	
Shiduly	Shemgonj High School	Ab.Bari	01978903499	

High Road /Embankment

Name Union	Name of Shelters Center	Responsible Person	Contract Number	Remarks
Charparker daha Union	Qualikandi barrage	Up Chairman Shah Mohammad Mojnu Miah	01718400012	
	High Road	Up Chairman Shah Mohammad Mojnu Miah, Up Member Shahjamal	01718400012 01821082598	Far From Mitaly Bazar Teguriya Mod.
Kodaichud a Union	High Road	Up Chairman Mukhlesur Rahman	01761581581	Mahmudpur borders from Mathabanga-5km.
	Embankment	Up Chairman Mukhlesur Rahman	01761581581	Joter para to Mahamudpur-12km
Gunaritala	High Road	Up Chairman Joynal Abedin	01723401117	Gunaritola to Nurun nahar Girls High

Name Union	Name of Shelters Center	Responsible Person	Contract Number	Remarks
				School-7km
Balijuri	High Road	Md. Monjurul islam	01712204500	From Mitaly Bazar Vaia Char chotla to Mirzapur, Chadpur to south Nangla.
	Embankment	Md. Monjurul islam	01712204500	Pachimshukhnogori on the River
JorKhali	No			
Adervita	Embankment	Altafur Rahman	01712698044	Far from polisha mukonda bari
Shiduly	Embankment	Shirajul Islam	01712225580	Far From Modongupal Charlutabor.
Municipality	No			

Health Management Committee

Name of Union	Name of Health center	Responsible person	Contract Number	Remarks
Charpakerdaha	Qualikandi Community clinic	Jahida Nasrin	01919496935	
	Jarkata Community clinic	Jesmin Akter	01725910467	
	Charpakerdaha Community clinic	Kamrul Hasan	01912793576	
	Birpakerdaha Community clinic	Rehana Pervin	01731842875	
Kodaichuda	Gadpara Community clinic	Sufiya Akter	01752363740	
	Velamary Community clinic Pachim Joterpara Community clinic	Mohsinan AminurRahman	01735620902 01721174890	
Gunaritala	Gupalpur Community clinic	HarunurRashid	01914964118	
	Junail Noyapara Community clinic	Ruma Pervin	01943638067	
	Nichintapur Community clinic	Nilufar yeasmin	01762245795	
	Jangaliya Community clinic	Sarmina Taposi	01712471109	
Balijuri	Gabergram Community clinic	Rajibul islam	01714358180	
	Char Gabergram Community clinic	Olum Kholifa	01725324711	
	Tartapara Community clinic	Semoli	01736907716	
	Purbo Shukhnogori Gabergram Community clinic Pachim Shukhnogori Gabergram Community clinic	Iqbal Hosen Marjiya Akter	01728474865 01982560753	

Name of Union	Name of Health center	Responsible person	Contract Number	Remarks
JorKhali	Bedabetaga Community clinic Digolkandi Community clinic Koladaha Community clinic JamdahaCommunity clinic	Sakuwat Hosen Rabiya Akter Billal Hosen Selina Akter	01725720766 01760030159 01727573850 01913997377	
Adervita	Bajiter para Community clinic Mukondabari Community clinic Gunerbari Community clinic Dudiyagacha Community clinic Baisder Community clinic	Arsad Hosen Shahnazpervin Mowsumi Akter Ferdows Surma Akter	01749256595 01731842879 01721602976 01759454898 01754082805	
Shiduly	Charvatiany Community clinic Hatbari Community clinic CharLutabor Community clinic	Sanuwar Hurmoz Ali Mukhlesur Rahman	01748577204 01732510949 01718621849	
Municipality	Upazilla Health Center Altasriq General Hospital LTD Almodina Dayagnestic Center	Dr.Mohammad A Am Z Kadir Abdur Rahim Dr. Ishaq	01937526812 01719845498 01714453386	

Fire Safety Committee

Name of Fire Station	Responsible Person	Contract Number	Remarks
No			

Engine Powered Boats

Name of Union	Name of Ward	Responsible Person	Contract Number	Remarks
Charpakerdaha Union	1 no Ward	Md. Mostofa	01718800012R	
	2 no Ward	Md. Imel Uddin	01714541970R	
Kodaichuda Union	1 no Ward	Md. Joynal Miah	01928720306	
	2 no Ward	Md. Dulal Miah	01933741057	
	3 no ward	Md. Sada Miah	01989832063	
Gunaritala Union	6 no Ward	Md. Alam Miah	01759641600	
	9 no Ward	Md. Mojnu Miah	01781993755R	
	7 noWard	Md.Johurul Miah	01775839446	
	6 no Ward	Md. Kamrul Hasan	01781993755	
	6 no Ward	Md. Alam Miah	01759641600	
Balijuri Union	9 no ward	Ismail	01940467406	
	7 no Ward	Gutah	01940467406R	
	7 no Ward	Anar Mollah	01924895428R	
JorKhali Union	No			
Adervita Union	7 no Ward	Md. Hanif	01771011242	
	1 no Ward	Md. Jobber Hosen	01713569935R	

Name of Union	Name of Ward	Responsible Person	Contract Number	Remarks
	2 no Ward	Md. Johurul Hosen	No	
Shiduly Union	1 no Ward	Shukur Mahmud	01721141852	
Municipality	3 no ward	Sri Bijoy Bormon	01821366392	
	3 no ward	Md. Lalu	01718813871	
	3 no ward	Md. Bodon	01912204683	

Local Trader

Name Of Union	Ward No	Name	Type of Business	contract Number	Remarks
Charpakerdaha Union	2 no	Abu Hanif	Chira, puffed rice, gur and grocery shop.	01763575200	
	3 no	Md. Fazlu Mondol	Chira, puffed rice, gur and grocery shop.	01920319016	
Kodaichuda Union	2 no	Md. Mostofa	Chira, puffed rice and gur	01925015266	
	2 no	Md. Rasel	Chira, puffed rice and gur	01987568928	
	1 no	Md. Sharmin	Medicine trader	01739502553	
	3 no	Md.Ferdous	Medicine trader	01710956817	
Gunaritola Union	5 no	Md. Sakibul Hasan	Chira, puffed rice, gur and grocery shop.	01988939299	
Balijuri Union	Balijuri bazar	Jobber	Medicine trader	01711442878	
	Balijuri bazar	Hannan	Medicine trader	01915494404	
	Balijuri bazar	Mister	Chira, puffed rice, gur and grocery shop.	01761752302	
	Balijuri bazar	Rabiul	Chira, puffed rice, gur and grocery shop.	01715348542	

Name Of Union	Ward No	Name	Type of Business	contract Number	Remarks
Jorkhali Union	5 no	Md. Ayub Ali	Medicine trader	01743931047	
	5 no	Md. Kobir	Chira, puffed rice, gur and grocery shop.	01743931047R	
Adervita Union	5 no	Md. Ayub Ali	Medicine shop	01743931047R	
	6 no	Md. Kobir Hosen	Chira, puffed rice, gur and grocery shop.	01753257321	
Shiduly Union	2 no	Dipok Chandra Madok	Medicine shop	01713567770	
	4 no	Md. Chan Miah	Chira, puffed rice, gur and grocery shop.	01981903499	
Municipality	6 no	Abdullah Al Sadi	Chira, puffed rice, gur and grocery shop.	01718813871	
	5 no	Saym miah	Chira, puffed rice, gur and grocery shop.	01713568235	
	4no	Md. Safiqul Miah	Chira, puffed rice, gur and grocery shop.	01759757550	

Attachment-5

Madarganj upazila at a glance

Area	225.73 square kilometer	Church	No
Union	7	Eidgah	66
Mouja	111	Bank	14
Village	148	Post office	26
Family	63585	Club	13
Total population	263608	Haat-bazar	38
Male	130339	Graveyard	28
Female	133269	Funeral ground	04
Educational institution	289	Poultry farm	16
Government primary school	185	Tat shilpo factory	No
Registered primary school	No	Deep tubewell	7
Secondary school	49	Shallow tubewell	19450
College	11	Hand-driven tubewell	38550
Madrassa (Dakhil, Fazil, Ebtedayi)	27		
BRAC school	06	River	02
Kinder Garten school	11	Canal	26
Education rate	33.0%	Waterbody	16
Community clinic	32	Haor	No
Embankment	06	Pond	1550
Sluis gate	02	Marshland	No
Bridge	76	Earthen road	598.5-km
Culvert	222	Concrete road	163-km
Mosque	495	Mobile tower	13
Temple	12	Play ground	47

Attachment-6

Schedule of several significant programs broadcast on Radio Bangladesh

Radio center	Name of program	Time	Day
Dhaka-ka	Krishi Shomachar	6.55am-7.00am	Everyday
	Shukher Thikana	7.25am-7.30am	Everyday
	Shasthoi Shukher mul	11.30am-12.00am	Every Friday
	Sonali foshol	06.05pm-06.35pm	Everyday
	Abhawa barta	06.50pm-07.00pm	Everyday
Chittagong	Krishi Kotha	06.50am-7.00am	Everyday
	Krishi Khamar	06.10pm-06.50pm	Everyday except Friday
	Shukhi shongshar	08.10pm-08.30pm	Everyday
Rajshahi	Khet khamar shomachar	06.55am-7.00am	Everyday
	Shobuj Bangla	06.05pm-06.50pm	Everyday
Khulna	Shastho tothyo	06.55am-7.00am	Everyday
	Krishi shomachar	04.20pm-04.30pm	Everyday
	Chashabad	06.10pm-06.50pm	Everyday
Rangpur	Shukher thikana	07.25am-7.30am	Everyday
	Khet khamarey	06.05pm-06.35pm	Everyday
Sylhet	Ajker chashabad	06.55am-7.00am	Everyday
	Shukher thikana	07.25am-7.30am	Everyday
	Shyamol Sylhet	06.05pm-06.50pm	Everyday except Friday
Thakurgaon	Kishan mati desh	06.05pm-06.25pm	Saturday, Monday and Wednesday
Cox's Bazar	Ajker krishi	03.07pm-03.10pm	Everyday
	Shonali prantor	03.40pm-03.45pm	Tuesday and Wednesday
Barishal	Krishi kotha	03.15pm-03.30pm	Everyday except Saturday and Wednesday
	Chhoto paribar	03.35pm-03.50pm	Everyday except Monday, Wednesday and Friday
Rangamati	Jiboner jonyo	01.50pm-01.55pm	Everyday
	Khamar bari	03.05pm-03.15pm	Everyday

* Weather news is broadcast at 6.50pm at a time

Schedule of several significant programs broadcast on community radio

Radio center	Name of program	Time	Day

Interactive Voice Response (IVR)

The system of sending disaster warning to general people through mobile phones is Interactive Voice Response (IVR). Knowing forecasts of weather and flood as well as previous warnings of river ports is possible by making a phone call to this number - 10941

Attachment-07

- **Unionwise brief description of rivers, canals, embankments and roads etc is described below:**

River: River Jamuna: From Charpakerdah union via Balijuri union to Jorkhali union

River Jhatkata: From Charpakerdah union via Koroichura union to Gunaritala, via Adarvita to Shidhuli

Canal:

Name of Union	Number	Location & brief Description
Charpakerdah	6	1.Hidegari,2.Qualikandi,3.Nichantopur,4.Nobbchar,5.Birpakerdaha,6.Fazilpur.
koraichuda	5	1.Gugumary,2.Binudtongi,3.ilsemary,4.Mohisbatan,5.Vangbari
Gunaritala	5	1.Rayer jangaliya,2.Katlamary,3.Chiravita,4.Hemrabari,5.Kularpara.
Balijuri	3	1. From Madarganj to Shukhnagari, 2. From Shuvogachha via Paschim Shukhnagari to Fuljora, 3. Municipality gate to Haatmagura
Jorkhali	2	1.Far from Khamar magura Koladaha, 2.Far from Kamar para Hatmagura.
Adervita	3	1. From Fakirpara via Shater Bridge to Dakatia, 2. From Bera to Chardudhiagachha, 3. From Baishdar to Bondhotoli
Shiduly	2	1.Far from Modongupal Charlutabor, 2. Far from Charvatiyani Shiduly.
Total=	26	

Embankment:

Name of union	Number	Location and brief description
Charpakerdah	1	From Kathma via Koalikanda and Charpakerdah to Bir Pakerdah
Koroichura	1	From Joterpar to Mahmudpur
Gunaritala	No	
Balijuri	2	One from Chandpur to Dakkhin Nangla and one on the Paschim Shukhnagari river
Jorkhali	No	
Adarvita	1	From Palisha to Mukundabari
Shidhuli	1	From Modongopalpur to Charlotabor
Total=	6	

Attachment-08

Unionwise names of village and mouja is given below:

Upazilla No	Name of Union	Mouza	Village
Code-45	Charpakerdaha	1.Pakrul,2.Hidegari, 3.Qualikandi,4.Tegoriya, 5.Jarkata,6.Ruknai, 7.Guthasimla, 8.Nichantopur,9.Fazilpur, 10.Charnogor, 11.Birpakerdaha, 12.Charpakerdaha, 13.Ruknai Guthasimla.	1.Pakrul,2.Hidegari, 3.Qualikandi,4.Tegoriya, 5.Jarkata,6.Ruknai, 7.Guthasimla, 8.Nichantopur,9.Fazilpur, 10.Charnogor, 11.Birpakerdaha, 12.Charpakerdaha, 13.Nobboichar, 14. Purbo Charpakerdah
	Koraichuda	1.Nolchiya,2.Binudtongi, 3.Kumarpara,4.Koraichud a,5.Gadpara,6.Kazla, 7.Baglergad, 8.Joterpara,9.Vangbari, 10.Velamary,12.Baglerga d,13.Dolibonda,14.Boro Vangbari,15.Gugumary, 16.Chargujamanika, 17.Bondok Kuraliya.	1.Nolchiya, 2. Kumarpara, 3. Binudtongi, 4. Gugumary, 5. Mohishbathan, 6.Lalduba, 7.Ilshemari, 8. Goarpara, 9.Koroichura, 10. Chargujamanika, 11. Joterpara, 12.Bagolergar, 13.Dolibonda, 14. Boro Vangbari, 15.Bhelamari 16. Chhalabandha 17.Paschim Nolchhia. 18. Kajlapara
	Gunaritala	1.Gunaritala, 2.Shuripara, 3.Jangaliya, 4.Rayer Jangaliya, 5.Bontolamari, 6.Nichintopur, 7.Small Jonail,8.Gupalpur.	1. Bir Gopalpur, 2. Chargopalpur, 3. Bakurchar, 4. Jonail Nayapara, 5. Amlipara, 6. Pakkhimari, 7. Balabhorat, 8. Muslimabad, 9. Charbondotoli, 10. Nischintopur, 11. Uttar Jorkhali, 12. Ageni, 13. Katlamari, 14. Gunaritala, 15. Kastepara, 16. Paschimpara, 17. Jangalia, 18. Shingdah, 19. Chhuripara, 20. Paschim Gunaritala, 21. Uttar Gunaritala.
	Balijuri	1.Shukhnogori,2.Charboul a,3.Tartapara,4.Mirzapur, 5.Kamariya,6.Suvogacha, 7.Nangla	1. Charbowla, 2. Mirzapur, 3. Kamaria, 4. Shuvogachha, 5. Nadagari, 6. Paschim Tartapara, 7. Tartapara, 8. Paschim Shukhnagari, 9. Dakkhin Shukhnagari, 10. Shukhnagari, 11. Charnadagari, 12. Nama Tartapara, 13. Charnangla.
	jorkhali	1. Bera, 2. Betaga, 3. Digholkandi, 4. Ramchandrapur, 5. Fularpara, 6. Khamarmagura, 7. Baroipara, 8. Koladah, 9.	1. Bera, 2. Bera Betaga, 3. Digholkandi, 4. Ramchandrapur, 5. Fularpara, 6. Khamarmagura, 7. Baroipara, 8. Koladah, 9. Kamarpara, 10. Jorkhali, 11. Kukurmari, 12. Haatmagura, 13. Katlamari, 14. Kajerchar, 15. Fuljor, 16. Khilkathi, 17. Chargolabari, 18. Jamdah

Upazilla No	Name of Union	Mouza	Village
		Kamarpara, 10. Jorkhali, 11. Kukurmari, 12. Haatmagura, 13. Katlamari, 14. Kajerchar, 15. Fuljor, 16. Khilkathi, 17. Chargolabari, 18. Jamdah	
	Adervita	1. Adarvita, 2. Shanaibanda, 3. Hemrabari, 4. Mukundabari, 5. Bajiterpara, 6. Porabari, 7. Palisha, 8. Gojaria, 9. Bondhodholi, 10. Moukerbaromash, 11. Boira Baromash, 12. Fakirpara, 13. Binnarkoir, 14. Nolka, 15. Nagar, 16. Chardudhiagachha, 17. Bir Dudhiagachha, 18. Koyra, 19. Patadah, 20. Baishdar, 21. Dakatia, 22. Gunerbari	1. Adarvita, 2. Shanaibanda, 3. Hemrabari, 4. Mukundabari, 5. Bajiterpara, 6. Porabari, 7. Palisha, 8. Gojaria, 9. Bondhodholi, 10. Moukerbaromash, 11. Boira Baromash, 12. Fakirpara, 13. Binnarkoir, 14. Nolka, 15. Nagar, 16. Chardudhiagachha, 17. Bir Dudhiagachha, 18. Koyra, 19. Patadah, 20. Baishdar, 21. Dakatia, 22. Gunerbari
	Shiduly	1. Charlutabor, 2. Charvatiyan, 3. Hatbari, 4. Charboula, 5. Kajiyabari, 6. Shiduly, 7. Sadrabari, 8. Rayerchhara, 9. Modongopal, 10. Rampur, 11. Binjailrampur, 12. Charnandina, 13. Telipara, 14. Kulupara, 15. Noarpara, 16. Ghona Modongopal, 17. Sonapatol, 18. Mahmudpur, 19. Mojuata.	1. Charlutabor, 2. Charvatiyan, 3. Birvatiyan, 4. Modongopal, 5. Charnandina, 6. Ghona Modongopal, 7. Telipara, 8. Kulupara, 9. Mojuata, 10. Rampur, 11. Ghonapotol, 12. Sadrabari, 13. Boyra, 14. Kajiabari, 15. Bayorchhora, 16. Charlutabor, 17. Haatbari, 18. Mahmudpur, 19. Shidhuli, 20. Charvatiyan-2
	Municipality	1. Char boula, 2. CharChadpur, 3. Gabergram, 4. Bonchikhuliya, 5. Balijuri, 6. Boladvora, 7. Khudro Jonail	1. Charbowla, 2. Charchandpur, 3. Chargabergram, 4. Chandpur, 5. Uttar Gabergram, 6. Gabergram, 7. Jhalupara, 8. Balijuri Purbopara, 9. Balijuri Bazar, 10. Balijuri Potiamari, 11. Balijuri Paschimpara, 12. Balijuri Mathpara, 13. Balijuri M para, 14. Balijuri Panditpara, 15. Balijuri

Upazilla No	Name of Union	Mouza	Village
			Palpara, 16. Banikunja, 17. Balijuri Ghoshpara, 18. Jonail Pakkhimari, 19. Jonail Birgopal, 20. Khudro Jonail, 21. Jonail Bazar, 22. Jonail Pujaghat
	Total=	111	148

Note: Village and mouja has been calculated including municipality

Attachment-09

Concrete, HBB and earthen roads separately and briefly unionwise described below:

Description of concrete road

Name of union	Kilometer	From where to where	Height	Free from flood (km)
Charpakerdah	10-km	From Mitalibazar to Teghoria Bazar- 4 km From Kamarbari intersection to Nobboichar- 4 km From Teghoria to Fazilpur- 2 km	8 feet 4 feet 5 feet	Free from flood Flood-prone Flood-prone
Koroichura	16-km	From Mathabhanga to Jhatkata- 3 km From Talukdarbari to Jhatkata- 5 km From Ghughumari to Godashimla- 1 km From Ghughumari to Melandah border- 5 km From Milon Bazar to Lakirbari- 2 km	9 feet 8 feet 7 feet 7 feet 6 feet	Free from flood Free from flood Free from flood Free from flood Flood-prone
Gunaritala	39-km	From Balijuri municipality to Shahabuddin College- 4 km From Jonail municipality to Mannan Chairman's house- 2 km From municipality gate to Milon Bazar- 4 km From Milon Bazar to Jorkhali Bazar- 2.5 km From Sattar BSC's house to Gunaritala cluster village- 1 km From Sattar BSC's house to Raicher bari- 1 km From Golaper bari intersection to Tartapara intersection- 4 km From Golaper bari intersection to Katlamari- 1/2 km From Golaperbari to Bajiterpara- 5 km From Kalur Morh via Jangalia to Taiyab Master's house- 2 km From Kashem BSC's house to Taiyab Master's house- 2 km From Gunaritala Abdus Salam Talukdar college to Gunaritala Bazar- 5 km From Jorkhali school intersection to Gunaritala Bazar- 4 km From Gunaritala Bazar to Madarganj border- 2 km	7 feet 7 feet 8 feet 6 feet 5 feet 5 feet 7 feet 5 feet 7 feet 7 feet 6 feet 6 feet 7 feet 7 feet 7 feet	Free from flood Free from flood Free from flood Free from flood Flood-prone Flood-prone Free from flood Flood-prone Flood-prone Free from flood Flood-prone Free from flood Flood-prone Free from flood Flood-prone

Name of union	Kilometer	From where to where	Height	Free from flood (km)
				Flood-prone Free from flood
Balijuri	7-km	From East side of Madarganj via union parishad-Purbo Shukhnagari-Tartapara to Jonail Bazar- 3 km From Mitali Bazar to Mirzapur- 4 km	10 feet 10 feet	Free from flood Free from flood
Jorkhali	19-km	From Koyra to Bera- 1 km From Koyra Bazar to Chargunarbari- 2 km From Haatmagura to Khilkati- 7 km From Haatmagura to Koyra- 9 km	4 feet 7 feet 7 feet 7 feet	Flood-prone Free from flood Free from flood Free from flood
Adarvita	35-km	From Jangalia to Shyamganj Bazar- 12 km From Shater Bridge to Koyra Bazar- 5 km From Adarvita to Shyamganj Bazar- 5 km From Adarvita Paschimpara to Talukdarbari- 1 km From Gojaria intersection to Koyra Bazar- 4 km From Shater Bridge to Soimbari Ghat- 3 km From Gunerbari Ghat to Nitybari school- 3 km From Adarvita Bazar to Nagar- 2 km	7 feet 7 feet 6 feet 5 feet 4 feet 6 feet 5 feet 4 feet	Free from flood Free from flood Flood-prone Flood-prone Flood-prone Flood-prone Free from flood Flood-prone
Shidhuli	16-km	From Krishnopur to Shyamganj Kalibari Bazar- 5 km From Shyamganj Kalibari to Charvatiyan- 4 km From Charlotabor Tarpar to Sultaner Morh- 2 km From Sardarbari Morh to Rayerchhora Bazar- 2 km From Charvatiyan to Anarbari Ghat- 3 km	8 feet 5 feet 5 feet 5 feet 4 feet	Free from flood Flood-prone Flood-prone Flood-prone Flood-prone
Municipality	21-km	From Balijuri Bazar to Chabowla municipal gate- ½ km From Municipal stone to Nitmari- ½ km From Charbowla crossing to Shamsuddin's house- 1 km From Crossing to Balijuri Bazar- 2 km From Chargabergram Hafez's house to	2 feet 2 feet 1 foot 8 feet	Flood-prone Free from flood Flood-prone Free from

Name of union	Kilometer	From where to where	Height	Free from flood (km)
		embankment- 1 km	8 feet	flood
		From RHD road to Ashraf Tarafdar’s house- ½ km	6 feet	Free from flood
		From Gabergram crossing to Uttar Gabergram Fakirerbari- ½ km	6 feet	Free from flood
		From Fakirbari intersection to Azizerbari- ½ km	8 feet	Free from flood
		From Gabergram Suruj Master’s house to Baparipara- 1 km	4 feet	Free from flood
		From Gabergram to Upazila crossing- ½ km	8 feet	Free from flood
		From Gabergram Niden Mondol’s house to government primary school- ½ km	3 feet	Free from flood
		From Balijuri Bazar to Badsha Khan’s house- ½ km	4 feet	Free from flood
		From Balijuri Girl’s School to Nagarbari- 1 km	5 feet	Free from flood
		From Balijuri Purbopara concrete road via Solim Master’s house to Ali Hossain’s house- ½ km	2 feet	Flood-prone
		From Balijuri Government Primary School to Saju Member’s house- ½ km	4 feet	Free from flood
		From upazila to Nurul Member’s house- ½ km	2 feet	Free from flood
		From Upazila bank’s intersection to Jonail crossing- ½ km	2 feet	Free from flood
		From upazila public library to Ananda bideshirbari- ½ km	2 feet	Free from flood
		From Jonail Chalenipara to municipal gate- 2.5 km	2 feet	Free from flood
		From Jonail Rafiq’ brick-field to municipal gate- ½ km	5 feet	Flood-prone
		From Rafiq’s brick-field to Battala- 1 km	4 feet	Free from flood
		From Jonail Ashraf’s house to RH road- 2 km	4 feet	Free from flood
		From Jonail Darogarbari to police station- ½ km	4 feet	Free from flood
		From Jonail Mizan Sutarerbari to RH road- ½ km	2 feet	Free from flood
		From Jonail Bazar to Rafiq’s brick-field- ½ km	2 feet	Free from flood
		From Jonail Bazar to Bileterbari- ½ km		Free from flood
		From Nizam’s house to Jalal’s house- ½ km		Free from flood
				Free from flood
				Free from flood
				Free from flood
				Free from flood

Name of union	Kilometer	From where to where	Height	Free from flood (km)
				Free from flood Free from flood Free from flood Free from flood Free from flood
Total=	153-km			

HBB

Name of union	Kilometer	From where to where	Height	Free from flood (km)
Charpakerdah		No		
Koroichura		No		
Gunaritala		No		
Balijuri		No		
Jorkhali		No		
Adarvita		No		
Shidhuli	1 km	From Sultaner Morh to Mahmudpur	6 feet	Flood-prone
Municipality		No		
Total=	1 km			

Earthen road

Name of union	Kilometer	From where to where	Height	Free from flood (km)
Charpakerdah	63-km	From Koalikandi to Pakrul- 3 km From Koalikandi to Hidegari- 2 km From Teghuria to Koalikandi - 5 km From Teghuria to Melandah border- 10 km From Teghuria to Ghughumari - 3 km From Teghuria to Mathabhanga- 3 km From Teghuria to Nishchintopur- 4 km From Jhatkata to Krishnochura- 5 km From Jhatkata to Fazilpur- 3 km From Jhatkata to Koalikanda- 4 km From Chhalabandha to Salam member's house- 4 km	7 feet 6 feet 7 feet 6 feet 6 feet 5 feet 6 feet 5 feet 6 feet 7 feet 5 feet	Free from flood Free from flood Free from flood Free from flood Flood-prone Free from flood Flood-prone Flood-prone

Name of union	Kilometer	From where to where	Height	Free from flood (km)
		From Teghuria to Charpakerdah- 3 km From Pakrul via Hidegari to Nobboierchar- 6 km From Banglabazar to Nobboierchar- 5 km	6 feet 6 feet 5 feet 7 feet	Flood-prone Flood-prone Free from flood Flood-prone Flood-prone Flood-prone Free from flood
Koroichura	112-km	From Paschim Nolchhia Musolibari to embankment on the Jhatkata river- 12 km From Nolchhia Mozammel Hoq's house to Azharul's house- 2 km From Paschim Nolchhia LGED road to river bank in east- 3 km From Paschim Nolchhia LGED road to Binodtongibazar- ½ km From Nolchhia Jalil's house to Registered primary school- ½ km From Ghughumari concrete road to Paschim Nolchhia hafezia madrassa- 1 km From Wahab chairman's house to river bank- ½ km From Paschim Nolchhia Wahab's house to Ilshemari WAPDA road- 4.5 km From Binodtongi LGED road to Binodtongi madrassa- 2 km From Binodtongi Bazar to Patalpara Azad Ali's house- 1 km From Ghughumari meshabbari to Binodtongi Babul doctor's house- 4 km From Ghughumari Kalam bepari's house to Ghughumari memberbari- 3 km From Lalduba Altafur Master's house to Lalduba Babul Master's house- 1 km From Purbo Nolchhia WAPDA embankment to Lalduba Afsar BDR's house- 4.5 km From Paschim Binodtongi Dobu Mondol's house to Ilshemari crossing- 3 km From Lalduba Bhulu Bepari's house to Lalduba patarbari- ½ km From Lalduba Habul's house to	4 feet 2 feet 2 feet 4 feet 2 feet 4 feet 4 feet 1 foot 3 feet 3 feet 3 feet 3 feet 3 feet 3 feet 3 feet 3 feet 3 feet 2.5 feet 3 feet 3 feet 2 feet 1 foot 2 feet 3 feet 3 feet	Free from flood Free from flood Flood-prone Free from flood Flood-prone Free from flood Flood-prone Free from flood Free from flood Flood-prone Flood-prone Flood-prone Free from flood Free from flood Flood-prone Flood-prone Flood-prone Free from flood Flood-prone Flood-prone Flood-prone Free from flood

Name of union	Kilometer	From where to where	Height	Free from flood (km)
		Ilshemari Taher Master's house- 2.5 km		Flood-prone
		From Ilshemari Sohar's house to	2 feet	Flood-prone
		Jhatkata bridge- 2 km	2 feet	Flood-prone
		From Nolchhia WAPDA to community clinic- ½ km	2 feet	Flood-prone
		From Ilshemari Basor Sutar's house to	3 feet	Free from flood
		Motiur Rahman's house- 1 km	3 feet	
		From Mohishbathan Monir's pond to		Flood-prone
		Badal's house- ½ km	3 feet	Flood-prone
		From Mohishbathan Karim's house via		Flood-prone
		registered primary school to Belal's	3 feet	Free from flood
		house - 2 km		
		From Bhangbari Kinu's shop to	3 feet	
		footbridge- 1 km		Flood-prone
		From Dholibondho Bodi's house to	3 feet	Flood-prone
		Siddiq's shop- ½ km		Free from flood
		From Jotiapara Bodiuzzaman's house	3 feet	
		to A Rashid's house- 2 km		Flood-prone
		From Charbhangbari Shaju Akanda's	3 feet	Flood-prone
		house to Ramij's house- 2 km		
		From Bhelamari Nosim Chairman's	3 feet	
		house to Ismail's house- 1 km	3 feet	Flood-prone
		From Bhelamari C&B road to Jotiapara		Free from flood
		Eidgah ground- 2 km	2 feet	
		From Gorpara embankment to Shamsul		Flood-prone
		Hoq's house- ½ km	3 feet	Flood-prone
		From Bhelamari Akanda Bazar to		Flood-prone
		Gani's shop- 1 km	3 feet	Flood-prone
		From Bhelamari Ijjat Ali's house to		Flood-prone
		Korban's house- 1 km	2 feet	Free from flood
		From Jotiarpara road to Bhangbari		
		Gota's house- 3 km	3 feet	
		From Paschim Jotiapara Moti's shop to		Flood-prone
		Sohrab's house- ½ km	3 feet	Flood-prone
		From Gorpara Suruj's house to Azizol		Free from flood
		Akanda's house- 1 km	3 feet	
		From Mohishbathan Munshi Munir's		Flood-prone
		house to Helal Master's house- ½ km	2 feet	Free from flood
		From Dholibondho Moslem's house to		
		WAPDA- 2 km	3 feet	
		From Bhangbari Lucky's house to		Flood-prone
		Aziz's house- 1 km	3 feet	Flood-prone
		From Bhelamari Modhyopara to Jahan		Free from flood
		Ali's house- 2 km	3 feet	
		From Mohishbathat non-government		Flood-prone
		primary school to Inu Munshi's house-	3 feet	Flood-prone
		2 km		
		From Mohishpathan Purbopara Khalil's	3 feet	Flood-prone
		house to Anwar's house- ½ km		Free from flood
		From Chargujamanika Amar Mondol's	3 feet	
		house to eidgah ground- 1 km		flood

Name of union	Kilometer	From where to where	Height	Free from flood (km)
		From Mohishbathan Paschimpara LGED road to Salam's house- ½ km	2 feet	Flood-prone
		From Bhangbari Gias Master's house to Bachchu Member's house- 2 km	3 feet	Flood-prone
		From Gorpara Mojnu's house to Gorpara baily bridge- 1 km	3 feet	Free from flood
		From Purbo Koroichura Khalil's house to Chan Mia's house- ½ km	3 feet	Flood-prone
		From Chhalabandha Battala to Altafur Chairman's house- 2 km	3 feet	Flood-prone
		From Bhangbari Mukul's house to government primary school- 1 km	3 feet	Flood-prone
		From Dholibondho Ismail's house to A Rahman's house - 1 km	3 feet	Flood-prone
		From Chargujamanika Kalu Mondol's house to Mokbul's house- 1 km	3 feet	Flood-prone
		From Mohishbathan Dakkhinpara Suruzzaman's house to RM high school- 1 km	2.5 feet	Flood-prone
		From Gorpara Afsar's house to Tofazzal's house- ½ km	4 feet	Flood-prone
		From Chargujamanika Bazar to Mojibur's house- ½ km	3 feet	
		From Bhangbari Siraj Master's house to Dholibondho Waz Uddin's house- 2 km	3 feet	
		From Milonbazar to Bhangbari mosque- 3 km	2 feet	
		From Purbokoroichura Ahalu's house to bridge- 2 km	3 feet	
		From Bhelamari Kalu Mondol's house to Gunaritala bridge- 3 km	3 feet	
		From Mohishbathan Aminur's house to Kader Khan's house- 1 km	3 feet	
		From Chhalabandha Siraj Master's house to Bhelamari R&H footbridge- 2 km		
		From Bhangbari Mofiz's house to Hai Member's house- 1 km		
		From Paschim Jotiapara to Gias Haji's house- 2 km		
		From Paschim Jotiapara Mukta Chairman's house to Bhelamari Jahangir Master's house- 2 km		
		From Bhelamari Mofazzal's house to Sorap Majhi's house- 1 km		
		From Bhangbari footbridge to Mukta Chairman's house- ½ km		
		From Chargujamanika eidgah to Mohishbathan Taher's house- 2 km		
		From Bhelamari registered primary school to Tusta's house- 1 km		

Name of union	Kilometer	From where to where	Height	Free from flood (km)
		From Mohishbathan Paschimpara Moti Khan's house to Kader Khan's house- 1 km From Mohishbathan Purbopara Tabu's house to Sattar's house- 1 km From Bhelamari concrete road to Nosim Chairman's house- ½ km		
Gunaritala	94-km	From Chargopalpur Bazar via Shardarbari mosque to Koroichura UP border- 3 km From Chargopalpur Shardarbari mosque via Salimullah Haji's house to Koroichura UP border- 3 km From Balabharat border to Chargopalpur wooden bridge- 2 km From Thanamorh to Chan Mia's house- 2 km From Balabharat intersection to Bir Gopalpur primary school- 2 km From Noyapara girl's school intersection to Bakurchar paglarbari- 1 km From Bir Gopalpur C&B road to Shafiqul's house- 2 km From Noyapara Tamsharmorh to Balabharat Alamgir's shop- 2 km From Tamsharmorh via Sekandar Ali diploma college to Dr Malek's house- 2 km From Noyapara Sekandar Ali diploma college to Dulu Munshi's house- 2 km From Noyapara Mogor Pagla's house to Balabharat eidgah- 1 km From Sekandar Ali diploma college to Dr Malek's house- 2 km From Uttar Jorkhali Sattar BSC's house to Kashem's house- 2 km From Uttar Jorkhali Bodi Mondol's house to Ramzan Ali's house- 1 km From Salam member's house to C&B- 1 km From Gunaritala concrete road via Charbondo to Sirajul's house- 1 km From Uttar Jorkhali Abbas Tobi's house to Mohammad Ali's house- 1 km From Jorkhali Fazlu's house to Reza's house- 1 km From Moslemabad Nurunnahar girl's school to Mintu Fakir's house- 2 km From Moslemabad Daktarbari to Bastullah's house- 2 km	5 feet 5 feet 5 feet 5 feet 6 feet 6 feet 6 feet 7 feet 7 feet 7 feet 7 feet 6 feet 5 feet 5 feet 5 feet 7 feet 7 feet 6 feet 6 feet 5 feet 5 feet	Flood-prone Flood-prone Flood-prone Flood-prone Flood-prone Free from flood Free from flood Free from flood Free from flood Free from flood Free from flood Free from flood Flood-prone Flood-prone Flood-prone Free from flood Free from flood Free from flood Free from flood Flood-prone Flood-prone Flood-prone Flood-prone Flood-prone

Name of union	Kilometer	From where to where	Height	Free from flood (km)
		From Moslemabad Samiul Principal's house to Joynal's house- 1 km	7 feet	Flood-prone
		From Moslemabad Ahmad member's house to Nischintopur border- 1 km	5 feet	Flood-prone
		From Nischintopur Kishore Pramanik's house via eidgah to Katlamari	5 feet	Flood-prone
		Ahabbar's house- 2 km	6 feet	Free from flood
		From Katlamari Shahajor's house via Kalam Mondol's house to Portabaju concrete road- 2 km	7 feet	Free from flood
		From Katlamari Tomej Mondol's house to Nazrul Master's house- 2 km	7 feet	Free from flood
		From Katlamari Nazimuddin's house via Hasan Aminul SKGN high school to Portabaju road - 2 km	6 feet	Free from flood
		From Nischintopur Delwar's house to Dr Samiul's house- 2 km	6 feet	Flood-prone
		From Nischintopur Mofiz Mondol's house to Aminul's house- 1 km	7 feet	Flood-prone
		From Katlamari Badal's house to Rezzak's house- 1 km	7 feet	Free from flood
		From Abul Mia's house to J-5 road in South- 2 km	5 feet	Free from flood
		From J-5 road Chan Mia's house to Shingdah- 3 km	6 feet	Flood-prone
		From J-5 road via Munshibarimorh to Kalurmorh- 2 km	6 feet	Flood-prone
		From Rayerjangalia Mofizuddin Munshi's house to Kalurmorh- 2 km	5 feet	Flood-prone
		From J-5 road A Mozid's house to Rayerjangalia Badshah Mia's house- 2 km	6 feet	Free from flood
		From Jangalia Bazarmorh Jinnah BSC's house to Dr Idris Ali's house- 2 km	5 feet	Flood-prone
		From J-5 road Khalil Kari's house to Shingdah Hasan Ali SKGN high school- 3 km	7 feet	Flood-prone
		From Chhuripara Khanbari to Ismail's house- 1 km	7 feet	Free from flood
		From Shingdah school intersection to Taiyab Rahman's house- 1 km	5 feet	Flood-prone
		From Shingdah governemnt primary school intersection to Wajed Master's house- 1 km	7 feet	Free from flood
		From J-5 road A Aziz's house to Solaiman's house- 1 km	7 feet	Free from flood
		From J-5 road Shoron Ali's shop to Bhashani's house- 1 km	7 feet	Free from flood
		From Chhuripara A Hamid's house to Kabir's house- 1 km	7 feet	Free from flood

Name of union	Kilometer	From where to where	Height	Free from flood (km)
		From Gunaritala Bazar to Islamia Dakhil Madrassa- 1 km	5 feet	Flood-prone
		From Gunaritala Bazar to Chhuripara Taiobur Master's house- 1 km	6 feet	Flood-prone
		From Gunaritala Paschimpara to cluster village- 1 km	5 feet	Flood-prone
		From Gunaritala Khanbari to Dikpara Sarkarbari mosque- 2 km	6 feet	Flood-prone
		From Gunaritala Kayosthopara Malek's house to Mostafa's house - 1 km	6 feet	Free from flood
		From Kayosthopara Alauddin's house to Yusuf Mondol's house - 1 km	7 feet	Free from flood
		From Gunaritala Kanipara Moti Master's house to A Aziz's house - 2 km	7 feet	Free from flood
		From Gunaritala Modhyopara Shah Alam's house via concrete road intersection to daktarbari intersection- 1 km		
		From Gunaritala Charbondo border via cluster village to Islamia Dakhil Madrassa- 2 km		
		From Gunaritala Kayosthopara Malek's house to Mostafa's house - 1 km		
		From Gunaritala Kanipara Moti Master's house to Kuddus Master's house - 2 km		
		From Gunaritala Dikpara Sardarpara to Dr Khaleq's house - 1 km		
		From Gunaritala Dikpara Bachchu's house to Munu Sardar's house - 1 km		
		From Gunaritala Modhyopara Jalil Master's house to eidgah- 1 km		
		From Gunaritala professorbari concrete road to Gunaritala primary school- 2 km		
		From Gunaritala Abdul Sarkar's house to Noyapara primary school- 1 km		
		From Gunaritala Jalil Member's house to Madarganj border at west of Shoguna Bazar- 2 km		
		From Gunaritala east side of river road crossing to Kabir's house - 2 km		
		From Gunaritala Bazar via Badshah's house to Fozul's house - 2 km		
Balijuri	84-km	From Paschim Shukhnagari Masu Mondol's house to Taser's house- 1 km	8 feet	Flood-prone
		From Paschim Shukhnagari Rabbani's house to Dulal's house- 1 km	8 feet	Flood-prone
		From Paschim Shukhnagari Shipon's house to Nangla border- 1 km	8 feet	Flood-prone

Name of union	Kilometer	From where to where	Height	Free from flood (km)
		From Paschim Shukhnagari Abbas Uddin's house to Kalu's house- 1.5 km	8 feet	Flood-prone
		From Paschim Shukhnagari Dudu Kha's house to mosque- 1.5 km	8 feet	Flood-prone
		From Paschim Shukhnagari Sona's house to concrete road- 1.5 km	8 feet	Flood-prone
		From Nangla government primary school via Sona's house to Barik Akanda's house- 1.5 km	8 feet	Flood-prone
		From Nangla Sabaj's house to Lalu's house- 1.5 km	8 feet	Flood-prone
		From Ibrahim's house to Mojnu Mondol's house- 1 km	8 feet	Flood-prone
		From ideal village to Abbas's house- 1 km	7 feet	Flood-prone
		From Babar Ali's house to ideal village- 1 km	7 feet	Flood-prone
		From Bahaj Mondol's house to Fuljor border- 1 km	7 feet	Flood-prone
		From eidgah to ideal village- 1 km	7 feet	Flood-prone
		From Ismail's house to Sultan's house- 1 km	7 feet	Flood-prone
		From Danes's house to Shahid's house- 1 km	7 feet	Flood-prone
		From Shukhnagari Johurul's house to Mamun's house- 1 km		Flood-prone
		From union parishad to Mostafa military's house- 1 km	7 feet	Flood-prone
		From Shukhnagari Rafiqul's house to Jamtala- 2 km	8 feet	Flood-prone
		From Shukhnagari Chowdhuribari to concrete road- 1 km	8 feet	Free from flood
		From Shukhnagari Rafiqul's house to Jamal's house- 1 km	5 feet	Flood-prone
		From Shukhnagari Dudu's house to Kala Genda's house- 1 km	5 feet	Flood-prone
		From Shukhnagari Alta Tepu's house to Taiob Uddin's house- 1 km	8 feet	Flood-prone
		From Shukhnagari Kashem's house to Alta's house- 1 km	8 feet	Flood-prone
		From Shukhnagari concrete road to Razzak Musulli's house- 1 km	5 feet	Flood-prone
		From Charshukhnagari Ghoina Mondol's house to Khilkati border- 1 km	4 feet	Free from flood
		From Paschim Tartapara eidgah to Abdul Kalam Master's house- 1 km	4 feet	Flood-prone
		From Abdul Mannan's house to Keramot Ali's house- 1 km	5 feet	Flood-prone
		From government primary school to Tartapara shelter center- 2 km	5 feet	Flood-prone
			6 feet	Flood-prone

Name of union	Kilometer	From where to where	Height	Free from flood (km)
		From Sekandar Ali's house via Khalilermorh to Tartapara Notun Bazar- 1.5 km	7 feet	Flood-prone Flood-prone
		From Abul Kalam Master's house to hospital- 1.5 km	6 feet	Flood-prone Free from flood
		From Abdur Rahman Master's house to Aziz's house- 1.5 km	7 feet	Flood-prone
		From Tartapara Anar's shop to Chowdhurybari- 1.5 km	5 feet	Flood-prone
		From Tartapara Salam's house to Khalil Member's house- 1.5 km	5 feet	Flood-prone
		From Tartapara Dulal's shop to Khodu Akanda's house- 1.5 km	6 feet	Flood-prone
		From Tartapara Munshi's house to Belal's house- 1 km	6 feet	Flood-prone
		From Tartapara Saiful's house to Mokbul's house- 1 km	5 feet	Flood-prone
		From Nadagari Sona's house to Tunu's house- 1 km	4 feet	Flood-prone
		From Nadagari Mohobbot Munshi's house to Ramzan's house- 1 km	7 feet	Flood-prone
		From Nadagari municipality to Khoka's house- 1 km	4 feet	Free from flood
		From Nadagari Khoka's house to Company's house- 1 km	5 feet	Flood-prone
		From Nadagari Bozoruddin's house to Nadagari government primary school- 1 km	4 feet	Flood-prone
		From Nadagari Nurnabi's house to Nadagari government primary school- 1 km	6 feet	Free from flood
		From Nadagari Jalil's house to Bodi Mondol's house- 1 km	5 feet	Flood-prone
		From Nadagari Altaf Munshi's house to embankment of public health- 1 km	6 feet	Free from flood
		From Nadagari Anar Uddin's house to Hossain's house- 1 km	5 feet	Flood-prone
		From Nadagari Mohabbat's house to Hazrat's house- 1 km	4 feet	Flood-prone
		From Nadagari Golap's house to Mujibor's house- 1 km	6 feet	Flood-prone
		From Shuvogachha housing's road to Salam's house- 1 km	6 feet	Flood-prone
		From Mirzapur border to Kamaria Billal's house- 3 km	6 feet	Flood-prone
		From Kamaria Gani's house to Sujonpara mosque- 1 km	5 feet 8 feet	Flood-prone
		From Madarganj municipality border to Bogra border- 3 km	7 feet	Flood-prone
		From Kamaria housing to Shuvogachha housing- 1 km	7 feet	Flood-prone

Name of union	Kilometer	From where to where	Height	Free from flood (km)
		From Kamaria Bojlu Master's house to Monob Uddin's house- 1 km	5 feet	
		From Kamaria Suruj's house to Billal's house- 1 km	6 feet	
		From Shuvogachha Rois Ali's house to Shuvogachha Zillu Kha's house- 1 km	5 feet	
		From Shuvogachha Shahid Ali's house to Nadagari Moyna Kha's house- 1 km	5 feet	
		From Nadagari border to Shuvogachha Shahid Shahjahan school- 1 km	6 feet	
		From Mitali Bazar intersection to Belal's house- 3 km	5 feet	
		From municipality concrete road to Mirzapur housing- 2 km	5 feet	
		From Mirzapur Salam's house to Alal's house- 1 km	5 feet	
		From Mirzapur primary school to Dulal's house- 2 km	6 feet	
		From Mirzapur Nurul's house to Moza's house- 1 km	5 feet	
		From Mirzapur Rezarmorh to Shadhin Bazar- 1.5 km	7 feet	
		From Mirzapur Shadhin Bazar to Mirzapur housing- 2 km	5 feet	
		From municipality border to kamaria housing- 3 km		
Jorkhali	37-km	From Khamarmagura Geda's house to Jamila's house- 2 km	4 feet	Free from flood
		From Khamarmagura primary school to Modhu's house- 1.5 km	1 foot	Flood-prone
		From Atamari Habi's house to Kaijerchar border- 2 km	1 foot	Flood-prone
		From Chargolabari kheyaghat to Jorkhali Akanda Bari- 1.5 km	5 feet	Free from flood
		From Kukurmari Jiren's house to Kukurmari concrete road- 1 km	2 feet	Flood-prone
		From Baroipara Joban Akanda's house to eidgah- 1 km	4 feet	Free from flood
		From Fularpara Joynal's house to Koyra Amtala- 2.5 km	4 feet	Free from flood
		From Koladah Amzad's house to Kukurmari Jiren's house- 2 km	2 feet	Free from flood
		From Patadah morapukur to Digholkandi Kathaltala Bazar- 1.5 km	3 feet	Free from flood
		From Fuljor river bank of the Jamuna via Fuljor school to paglarbari- 3 km	3 feet	Free from flood 1 km
		From Khilkati concrete road to river bank of the Jamuna- 2 km	1 foot	Free from flood
		From Chargolabari Namapara to Khilkati road- 2 km	2 feet	Free from flood
		From Bera Bazar to Latif Master's		

Name of union	Kilometer	From where to where	Height	Free from flood (km)
		house- 1 km	2 feet	
		From Ramchandrapur Nurul's house to Sobuj Member's house- 1.5 km	2 feet	Flood-prone
		From Chargolabari Nurul Engineer's house to Soban Member's house- 1.5 km	2 feet	Flood-prone
		From Namapara eidgah to Musullibari ghat- 1.5 km	2 feet	Flood-prone
		From Koyra Chowdhuribari bridge to Khamarmagura Amzad Haji's house- 2 km	4 feet	Free from flood
		From Khilkati mosque to river bank- 1.5 km	2 feet	Flood-prone
		From Bera Battala to Goalbari ghat- 2.5 km	4 feet	Flood-prone
		From Jorkhali Jomshed's house to Kukurmari kheyaghat- 2 km		Flood-prone
		From Chairman's house to Jabbar's kheyaghat- 1.5 km		Free from flood
				Flood-prone
				Free from flood
				Flood-prone
				Free from flood
Adarvita	107-km	From Palisha Sharif Member's house to Charbajiterpara Ramzan's house- 3 km	3 feet	Flood-prone
		From Palisha Abdul Aziz's house to Palisha Paschimpara primary school- 2 km	3 feet	Flood-prone
		From Palisha Sharif Member's house to Rois Master's house- 2 km	3 feet	Flood-prone
		From Palisha Bashi Mondol's house to Jorkhali union border- 2 km	2 feet	Flood-prone
		From Porabari Chan Mondol's house to Mukundabari Rabiul Member's house- 3 km	2 feet	Flood-prone
		From Porabari Karim Musulli's house to Hemrabari border- 2.5 km	2 feet	Flood-prone
		From Porabari Afsar Mondol's house to 280m bridge- 1 km	3 feet	Flood-prone
		From Porabari Bodi Mondol's house via Mukundabari to Jangalia border- 3 km	3 feet	Flood-prone
		From Porabari Ripon's shop to Fazal	2 feet	Flood-prone

Name of union	Kilometer	From where to where	Height	Free from flood (km)
		Mondol's house- 1 km	2.5 feet	Flood-prone
		From Porabari Nazrul Islam high school to Barek Musulli's house- 2 km	2.6 feet	Flood-prone
		From Mukundabari primary school to Hemrabari Talukdarbari- 3 km	3 feet	Flood-prone
		From Bajiterpara Bazar to Charbajiterpara- 2 km	3 feet	Flood-prone
		From Bajiterpara Salam Mondol's house via Palisha high school to Bashi Mondol's house- 4 km	2.5 feet	Flood-prone
		From Charbajiterpara Iman Munshi's house to Mukundabari Jalil's house- 2 km	3 feet	Flood-prone
		From Porabari Azim's house to member Kalpona's house- 1 km	3.5 feet	Flood-prone
		From Gojaria Naodara concrete road via Gojaria Islampara to Bajiterpara- 2 km	3 feet	Flood-prone
		From Gojaria Khalil Sheikh's house to Palisha registered primary school- 1 km	5 feet	Flood-prone
		From Gojaria Anar Member's house to Putgaria R Rahman Fakir's house- ½ km	3 feet	Free from flood
		From Gojaria Hossain Member's house to Islampara Abdullah's house- 1 km	3 feet	
		From Gojaria Gadol's house to Gojaria Abbas's house- ½ km	4 feet	Flood-prone
		From Gojaria Shamsul Shingh's house to Gojaria Momtaz's house- ½ km	4 feet	Flood-prone
		From Gojaria Morapukur to Binnafer Azim Uddin's house- 1.5 km	3 feet	Flood-prone
		From Adarvita Paschimpara Dudu's house to Hemrabari Fakir's house- 2 km	3 feet	Free from flood
		From Hemrabari Rafiq's house to Roich Secretary's house- ½ km	3 feet	Free from flood
		From Adarvita Alat Mondol's house via Rafij Mondol's house to Ripon's house- 3 km	3 feet	Flood-prone
		From Hemrabari Ayna Member's house to Doctor's house- 2.5 km	3 feet	Flood-prone
		From Adarvita Dr Liton's house to LGED concrete road- ½ km	3 feet	Flood-prone
		From Gunerbari Alauddin's house via Golarmorh to Rabiul's house- 3 km	3 feet	Flood-prone
		From Gunerbari Alauddin's house to Noyapara primary school- ½ km	3 feet	Flood-prone
		From Gunerbari Tofil Molla's house to Kudrat Mondol's house- 1 km	5 feet	Flood-prone
		From Gunerbari Ziar's house via Innat's house to Delu's house- 2.5 km	4 feet	Flood-prone

Name of union	Kilometer	From where to where	Height	Free from flood (km)
		From Gunerbari mosque to Bogu's house- ½ km	4 feet	Free from flood
		From Gunerbari Suruj's house to Habib's house- ½ km	3 feet	Free from flood
		From Gunerbari Nagar's house to shrine- ½ km	3 feet	Free from flood
		From Bondhodholi puraton bazar to Mithu's house- 9 km	4 feet	Free from flood
		From Bondhodholi Shaymol's house to Zabed's house- ½ km	5 feet	Free from flood
		From Bondhodholi Kudrat Pramanic's house to river bank- 2.5 km	2.5 feet	Free from flood
		From Shuakoir Bir Maisha Suruj's house to Mozammel's house- ½ km	3 feet	Free from flood
		From Shuakoir Mozammel's house to Shukur's house- ½ km	3 feet	Free from flood
		From Shuakoir Alauddin's house to Sohijjol Master's house- ½ km	2.5 feet	Free from flood
		From Binnafoir Miabari to Gojaria concrete road- 1 km	3 feet	Free from flood
		From Gunerbari concrete road via Modokbari to shrine- 2 km	3 feet	Free from flood
		From Binnafoir Akabbor Ali's house to concrete road in the west- 1 km	3 feet	Flood-prone
		From Binnafoir Salam Khan's house to Chairman's house- 1 km	3 feet	Flood-prone
		From Nolka Abul Member's house to concrete road- 1 km	3 feet	Flood-prone
		From Adarvita Bazar to Mujata pond- 3 km	2.5 feet	Flood-prone
		From Nagar Isahak's house to Hurmuj Member's house- 3 km	3 feet	Flood-prone
		From Belal's house to Charvatiyan concrete road- 1 km	3 feet	Flood-prone
		From Nolka Karim Akanda's pond to Muja Akanda's house- 1 km	3 feet	Flood-prone
		From Hidarermorh to Babul Professor's house- ½ km	2.5 feet	Flood-prone
		From Habijol Sutar's house to concrete road- ½ km	3 feet	Flood-prone
		From Shamim's house to concrete road- ½ km	2.6 feet	Flood-prone
		From Khaleq's house to concrete road and from Nolka concrete road to Honey's house- 2 km	3 feet	Flood-prone
		From Nolka Abul Master's house to concrete road- 1 km	2.5 feet	Flood-prone
		From Koyra Jamal Mondol's house to Jubil Kamar's house- 1 km	3 feet	Flood-prone
		From Koyra Rahim Sarkar's house to Jinnah's house- ½ km	2.5 feet	Flood-prone
			4 feet	Flood-prone

Name of union	Kilometer	From where to where	Height	Free from flood (km)
		From Golabari Kachari to Yousuf Sarkar's house- 1 km	4 feet	Flood-prone
		From Koyra Bottala to Suruj Chowdhury's house- 1 km		Flood-prone
		From Koyra Mudibari to Afsar Mondol's house- ½ km	5 feet	Flood-prone
		From Koyra Mister's house to Javed Kha's house- ½ km	4 feet	Flood-prone
		From Koyra Samiul's house to Habibullah's house- ½ km	3 feet	Flood-prone
		From Koyra Talukdarbari to Moti's house- 1 km	3 feet	Flood-prone Flood-prone
		From Koyra Geda Pramanik's house to Habib's house- ½ km	4 feet	Flood-prone
		From Patadah Josi Musulli's house to Anar Sarkar's house- ½ km	2.5 feet	Free from flood
		From Patadah Dulal Mondol's house to Trimpara- ½ km	4 feet	Free from flood
		From Patadah Khoka Mondol's house to Nador Mondol's house- ½ km	4 feet	Free from flood
		From Patadah Mofazzal's house to Afzal Mondol's house- 2 km	4 feet	
		From Patadah Khalil's house to Moti Master's house- ½ km	4 feet	Free from flood
		From Baishdar concrete road to Zafar's house- 2 km		Free from flood
		From Baishdar concrete road to Dulal's house concrete road- 1 km		Free from flood
		From Baishdar Nurul's house to Karim's house- ½ km		Flood-prone
		From Baishdar Mannan's house to LGED concrete road- 1 km		Free from flood
		From Dakatia Abdul Hossain's house to concrete road in the west- ½ km		Flood-prone
		From Dakatia Alta's house to Mozammel's house- 1 km		Free from flood
		From Baishdar Nazrul's house to Johurul's house- ½ km		Free from flood
				Free from flood
				Free from flood
				Free from flood
				Free from flood

Name of union	Kilometer	From where to where	Height	Free from flood (km)
Shidhuli	805-km	From Birlotabor Sayeed Ali's house to Shorbesh's house- 1 km	5 feet	Free from flood
		From Birlotabor Shah Ali's house to Osman Mondol's house- 1 km	6 feet	Flood-prone
		From Birlotabor Nurul Mia's house to Somu Member's house- 1 km	5 feet	Flood-prone
		From Birlotabor Fazal's house to bridge in the east- ½ km	6 feet	Free from flood
		From Birlotabor bridge to Fazal's house- ½ km	7 feet	Free from flood
		From Birlotabor Sarkarbari to mosque- ½ km	5 feet	Free from flood
		From Birlotabor mosque to Tasir's house- ½ km	6 feet	Flood-prone
		From Birlotabor Tasir's house to Moni Charal's house- 1 km	6 feet	Flood-prone
		From Birlotabor Suruj's house to Tamaltola- 1.5 km	5 feet	Flood-prone
		From Amtala to Nitibari ghat- ½ km	5 feet	Flood-prone
		From Birlotabor Bholabari to Krishnochura tree- ½ km	6 feet	Flood-prone
		From Birlotabor Ahalu's house to bridge- ½ km	7 feet	Flood-prone
		From Birlotabor Khalil's house to Dholu's house- ½ km	5 feet	Flood-prone
		From Birlotabor Sutarbari to Mojibor's house- ½ km	3 feet	Free from flood
		From Birvatiyan Dudu Chairman's house to Dr Ainal's house- ½ km	6 feet	Flood-prone
		From Birvatiyan concrete road to Mojayata school- 9 km	5 feet	Flood-prone
		From Birvatiyan Nurul member's house to bridge behind Dr Nedon's house- 1.5 km	2 feet	Flood-prone
		From Birvatiyan Dr Nedon's house to Dr Huda's house- ½ km	4 feet	Flood-prone
		From Birvatiyan Karim Akanda's house to Mokbul's house- ½ km	3 feet	Flood-prone
		From Shyamganj Kalibari Bazar to Jamal's house- ½ km	3 feet	Flood-prone
		From Birvatiyan concrete road to Noeem Uddin's house- ½ km	3 feet	Flood-prone
		From Birvatiyan Deobari to Shomvu Modok's house- 1.5 km	3 feet	Free from flood
		From Birvatiyan Suruj's house to Ferdous Moulavi's house- 1 km	2.5 feet	Flood-prone
		From Birvatiyan Babul Modok's house to Fakirpara mosque- ½ km	3 feet	Flood-prone
		From Birvatiyan Hamid Master's house to Mojibur's house- 1 km	3 feet	Flood-prone
		From Mojata primary school via	2.5 feet	Flood-prone

Name of union	Kilometer	From where to where	Height	Free from flood (km)
		chairmanbari to Aijor Mondol's house- 1 km	4 feet	Flood-prone
		From Birvatiyan Mofiz's house to Sohrab's house- 1 km		Flood-prone
		From Charvatiyan Paschimpara Talukdarbari via Nurul's garden to Lal Mahmud's house- 3 km	3 feet	Flood-prone
		From Charvatiyan Uttarpara primary school to the Jhatkata river- 1.5 km	3 feet	Flood-prone
		From Charvatiyan Lalu's house via Farid Member's house to Anar Sardar's house- 2.5 km	2.5 feet	
		From Charvatiyan Alauddin's house to Taleb's house- 1 km	3 feet	Flood-prone
		From Charvatiyan Kashem's house via Monir's house to Samiul's house- 1.5 km	4 feet	Flood-prone
		From Charvatiyan Moni's house via Omed Ali Master's house to Intaz's house- 2.5 km	3 feet	Flood-prone
		From Charvatiyan Shahin's house to Chan Mia's house- 1.5 km	2.5 feet	Flood-prone
		From Charvatiyan Nurul's house to Haidar's house- 1 km	5 feet	Flood-prone
		From Charvatiyan Aijol's house to Sobhan's house- 1.5 km	3 feet	Flood-prone
		From Modongopal Rafiqul's house to Kucha Mondol's house- ½ km	3 feet	Flood-prone
		From Modongopal Abdullah Member's house to Bucha Mondol's house- ½ km	5 feet	Free from flood
		From Modongopal Mojibor's house to Zabed's house- ½ km	3 feet	
		From Noarpara Sobhan's house to Hamed's house- ½ km	5 feet	Flood-prone
		From Telipar eidgah to Nosim Member's house- ½ km	5 feet	Flood-prone
		From Ghonaodongopal Johor Haji's house to Mojarata Ekku Mondol's house- ½ km	2.5 feet	Free from flood
		From Modongopal madrassa to Manik Member's house- ½ km	3 feet	Flood-prone
		From Sadrabari east side to hospital via Sarkarbari to Danes's house- ½ km	3 feet	Free from flood
		From Charnandina Korban's house to Bokkor's house- ½ km	3 feet	Free from flood
		From Charnandina Lal's house to Korban's house- ½ km	5 feet	Free from flood
		From Sadrabari Hobi's house to Shamsul's house- ½ km	3 feet	Flood-prone
		From Sadrabari Liton's house to bamboo bunch- 1 km	2.5 feet	Flood-prone

Name of union	Kilometer	From where to where	Height	Free from flood (km)
		From Sadrabari Shukur Mahmud's house to Abul Kalam Azad's house- 1 km	3 feet	Flood-prone
		From Sulaiman's house to Sadrabari modhyopara mosque- ½ km	4 feet	Flood-prone
		From Sadrabari primary school to Alauddi Sheikh's house- 1 km	5 feet	Free from flood
		From Sadrabari Liton's house to Alhaz's house- ½ km	3 feet	Free from flood
		From Sadrabari concrete road to Shipahibari- ½ km	4 feet	Flood-prone
		From Kajiabari Sultan's house to Khadem's house- 1 km	3 feet	Flood-prone
		From Kajiabari mosque to Helal Mondol's house- 1 km	3 feet	Flood-prone
		From Kajiabari Samsul Haji's house to Gias Fakir's house- ½ km	3 feet	Flood-prone
		From Kajiabari Mujibor's house to Hamid Munshi's house- ½ km	4 feet	Free from flood
		From Kajiabari Mofazzal Munshi's house to Sanaullarmorh- ½ km	5 feet	Flood-prone
		From Rayerchhora Kachharmorh to Charboyra Ramzan Sultan's house- 1.5 km	3 feet	Flood-prone
		From Kajiabari Samsul Haji's house to Gias Fakir's house- ½ km	3 feet	Flood-prone
		From Charboyra Borobari to Ramzan Sultan's house- ½ km	5 feet	Flood-prone
		From Charboyra Dudu Munshi's house to A Ali's house- ½ km	5 feet	Flood-prone
		From Charlotabor Purbopara Iman Ali's house via Charlotabor government primary school to Hafiz Munshi's house- 1 km	3 feet	Flood-prone
		From Charlotabor concrete road to Moazzem Akanda's house- 2 km	3 feet	Free from flood
		From Akandabari Kharizi Madrassa via Monohar Akanda's house to Asi Mondol's house- 1 km	2.5 feet	Flood-prone
		From Charlotabor Purbopara Abdul Nur's house to concrete road- ½ km	3 feet	Flood-prone
		From Charlotabor Gaielpara mosque to Paschimpara Mojibor's house - ½ km	5 feet	Flood-prone
		From Charlotabor Sultan's house to river bank adjacent to Torip's house- 2.5 km	4 feet	Free from flood
		From Haatbari Rajmahmud Sarkar's house to Yousuf Bepari's house- ½ km	4 feet	Free from flood
		From Haatbari Abdus Sattar's house to Wadud Mondol's house- ½ km	4 feet	Flood-prone
		From Mahmudpur Abul Hossain	3 feet	Flood-prone

Name of union	Kilometer	From where to where	Height	Free from flood (km)
		Sarkar's house to Josi Sutar's house- 1 km From Charlotabor Naide Mondol's house to Challishpara- 1.5 km From Charlotabor Hazrat Sarkar's house to Gias Mondol's house- ½ km From Rayganj Bazar to Rayerchhora Bazar- 5 km From Charlotabor-Shidhuli road to Liakat Member's house- ½ km From Birlotabor Aizuddin Master's house to Malibari- 1.5 km From Birvatiyan Madrassa to Guni Akanda's house- ½ km From Charlotabor Osman's house to Billal's house- ½ km	3 feet	Flood-prone Flood-prone Free from flood Flood-prone Flood-prone Flood-prone Flood-prone Flood-prone Flood-prone Flood-prone
Municipality	21-km	From behind election office to Junail Bazar bridge- 2 km From Tartapara bridge to Sudon Goal's farm- 1 km From Miar Dokandarbari to Noemuddin's house- 1 km From behind the hospital to officer's club- ½ km From Charchanpur Kashem's house to Suruj's house- 2 km From Charbowla Asalat's house to Bodi Commissioner's house- 1 km From Balijuri concrete road to Fatiamari Gias's house- 1 km From Bolodvar to Beparipara- 1 km From Mirzabari to farm- 1 km From Chandpur Hanu's house to Shuvogachha- 2.5 km From Hanu's house to Sobuj's house- 1 km From Isob Ali Member's house to Sheikhbari- ½ km From Tacbari intersection to Amzad's house- ½ km From Masud's house to mosque- ½ km From Khudro Jonail Sahebali morh to J-7 road- ½ km From Khudro Raisa to Bahadur Mondol's house- 2 km From Fakir Ali's house to C&B road-	2 feet 2 feet 2 feet 1 foot 2 feet 2 feet 2 feet 2 feet 2 feet 3 feet 3 feet ½ foot 2 feet 6 feet 2 feet 4 feet 6 feet 2 feet 2 feet	Flood-prone Free from flood Flood-prone Flood-prone Flood-prone Flood-prone Flood-prone Flood-prone Flood-prone Flood-prone Flood-prone Flood-prone Flood-prone Flood-prone Flood-prone Free from flood Flood-prone Free from flood

Name of union	Kilometer	From where to where	Height	Free from flood (km)
		½ km From Chargabergram Dr Isahak's house to Chandpur bridge- 1.5 km From Khudro Jonail via Darogarbari to Kalim Uddin's house- 1 km		Free from flood Flood-prone Flood-prone
Total=	598.5-km			

Attachment-10

Source of information:

Sl no.	Name	Designation	Mobile no.
1	Md.Obaidur Rahman Belal	Upazila chairman, Madarganj	01712601818
2	Md Bozlor Roshid	Training Officer Agriculture-specialist (Agricultural Extension Department, Jamalpur)	01716045798
3	Md. Abdul Hai	Upazila Statistics Officer, Madarganj	01731421317
4	Jogol krisno mondol	Upazila Engineering Officer	01754129921
5	Md. Samad Uddin	Upazila Education Officer	01712591045
6	Md. Motiur Rohman	Scientific Officer, Jamalpur Agricultural Research Office	01721260298
7	Shyed Md. Tanvir	Upazila Agricultural Officer	01711433675
8	Modon Gopal Pal	Field Supervisor (Social Service Department, Madarganj)	01718593288
9	Md Monzurul IslamMusa	UP Chairman (Balijuri)	01712104500
10	Sha Md. Mujnu	UP Chairman (Charpakerdah)	01718800012
11	Md Alomgir Hossen	UP Chairman (Jorkhali)	01713569935
12	Md. Abdul Hannan	Field supervisor, Relief Branch,	01724560923
13	Md. Doridul Islam	UP secretary (Charpakerdah)	01715438047
14	Md. Rejuan Parvez	UP secretary (Koroichura)	01716112996
15	Md. Mizanur Rohman	UP secretary (Gunaritala)	01911906278
16	S.M.Tujammel	UP secretary (Balijuri)	01720123552
17	Md. Nurul Islam	UP secretary (Jorkhali)	01724128139
18	Md. Rakib Imran	UP secretary (Adarvita)	01710731200
19	Md. Kamrul Hassan	UP secretary (Shidhuli)	01724580525
20	Md. Kholilur Rohman	UP secretary (Balijuri)	01750162042
21	Gulam Sroar	Retired teacher Gunaritala	01713599715
22	Altaf Uddin	General people (Nadagari)	
23	Md. Lal Mia	Farmer (Charpakerdah)	01739662627
24	Md. Minto Mia	General people (Charnangla, Balijuri)	01942633053
25	Mrs. Forida Begum	General people (Charnangla, Balijuri)	
26	Md Shadrkul Hassan	NGO representative (Unnayan Shangha)	01711934990

Attachment-11

Validation and feedback

At conference room of Madarganj upazila agriculture office, at 3 pm on 22nd July, 2014, validation workshop on finalizing “Upazila Disaster Management Planning” arranged by Madarganj upazila administration and Socio Economic Environmental Development Organization (SEEDO) was held with upazila Chairman Obaidur Rahman Belal in the chair. Madarganj Upazila Nirbahi Officer Dr. Mohammad Kamruzzaman as co-chairman, honorary Vice Chairman (Woman) Mrs. Nazma Parvin Munni as special guest, honorary chairmen of union parishads of Madarganj upazila, honorary members of Madarganj upazila disaster management committee and journalists of the union were present.

Thanking and expressing his gratitude to Madarganj Upazila Chairman, Upazila Nirbahi Officer, Chairman and officials of Madarganj municipality, all government/non-government officers, chairmen and secretaries of union parishads and people of Madarganj upazila for providing assistance to enactment of “Upazila disaster management planning” SEEDO Executive Director Advocate Md. Nurun Nabi Bhuiya upheld a brief presentation on draft of “Upazila disaster management planning” and distributed copies among all members present at the meeting.

Feedback

During opinion session of the validation workshop, all members described the upazila disaster management planning as appropriate, time befitting and very important for facing disasters of Madarganj upazila. They also presented necessary amendments.

Amendment

Upazila Agriculture Officer Md. Syed Tanvir gave amendment on total cultivable land of the upazila, Upazila Statistics Officer Abdul Hai on total population of the upazila, Upazila Education Officer Md. Shamsul Hoque on total number of primary schools and Madarganj Upazila Chairman Obaidur Rahman on number of total colleges in the upazila.

Decision

The president of the meeting took decision of re-scrutinizing information with permission of all present in the meeting for the sake of enacting “Upazila disaster management planning” without any error on the basis of the discussion and opinions.

Finalizing

After the validation workshop by SEEDO, re-scrutinizing the information in association with all government, non-government, union parishad and NGO officials from 23rd July, 2014 to 22nd August 2014 the “Upazila disaster management planning” was amended and was sent to Dr. Mohammad Kamruzzaman, Upazila Nirbahi Officer (Co-chairman of Madarganj upazila disaster management committee). He finalized Madarganj upazila disaster management planning on 30th August, 2014 after discussion with the upazila disaster management committee.

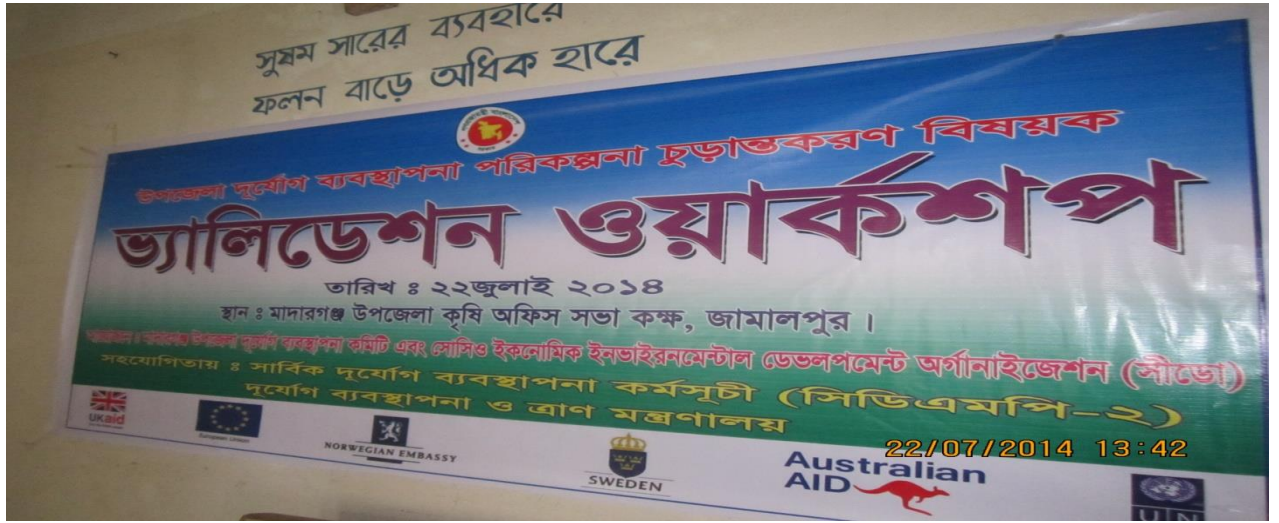
সোসিও ইকোনোমিক ইনভাইরনমেন্টাল ডেভলপমেন্ট অর্গানাইজেশন (সীডো)
 দুর্যোগ ব্যবস্থাপনা পরিকল্পনা চূড়ান্তকরণ বিষয়ক ভ্যালিডেশন ওয়ার্কশপ এ উপস্থিত
 উপজেলা দুর্যোগ ব্যবস্থাপনা কমিটির সদস্যগণের নাম ও স্বাক্ষর
 উপজেলাঃ মাদারগঞ্জ, জেলাঃ জামালপুর, তারিখঃ ২২ জুলাই ২০১৪ ইং।

ক্রমিক নং	অংশগ্রহনকারীর নাম	পদবী	ইউনিয়ন/উপজেলার নাম	কমিটিতে পদবী	স্বাক্ষর
১	(সি: ১৮৮২৬ এনএম (সিএন)	(সিএন)স	মদারগঞ্জ		
২	ড. মোহাম্মদ মাহমুদুল হক	UNO	মদারগঞ্জ		
৩	ডাঃ আব্দুল ওসমান	O.C	"		
৪	মোঃ জাহিদ হোসেন	ইউনিয়ন কমিটি সচিব	মদারগঞ্জ		
৫	মোঃ মাহমুদুল হক	ইউনিয়ন কমিটি সচিব	মদারগঞ্জ		
৬	মোঃ হামিদুল হক	ইউনিয়ন কমিটি সচিব	মদারগঞ্জ		
৭	মোঃ মাহমুদুল হক	ইউনিয়ন কমিটি সচিব	মদারগঞ্জ		
৮	মোঃ মাহমুদুল হক	ইউনিয়ন কমিটি সচিব	মদারগঞ্জ		
৯	মোঃ মাহমুদুল হক	ইউনিয়ন কমিটি সচিব	মদারগঞ্জ		
১০	মোঃ মাহমুদুল হক	ইউনিয়ন কমিটি সচিব	মদারগঞ্জ		
১১	মোঃ মাহমুদুল হক	ইউনিয়ন কমিটি সচিব	মদারগঞ্জ		
১২	মোঃ মাহমুদুল হক	ইউনিয়ন কমিটি সচিব	মদারগঞ্জ		
১৩	মোঃ মাহমুদুল হক	ইউনিয়ন কমিটি সচিব	মদারগঞ্জ		
১৪	মোঃ মাহমুদুল হক	ইউনিয়ন কমিটি সচিব	মদারগঞ্জ		
১৫	মোঃ মাহমুদুল হক	ইউনিয়ন কমিটি সচিব	মদারগঞ্জ		
১৬	মোঃ মাহমুদুল হক	ইউনিয়ন কমিটি সচিব	মদারগঞ্জ		
১৭	মোঃ মাহমুদুল হক	ইউনিয়ন কমিটি সচিব	মদারগঞ্জ		
১৮	মোঃ মাহমুদুল হক	ইউনিয়ন কমিটি সচিব	মদারগঞ্জ		
১৯	মোঃ মাহমুদুল হক	ইউনিয়ন কমিটি সচিব	মদারগঞ্জ		
২০	মোঃ মাহমুদুল হক	ইউনিয়ন কমিটি সচিব	মদারগঞ্জ		
২১	মোঃ মাহমুদুল হক	ইউনিয়ন কমিটি সচিব	মদারগঞ্জ		
২২	মোঃ মাহমুদুল হক	ইউনিয়ন কমিটি সচিব	মদারগঞ্জ		
২৩	মোঃ মাহমুদুল হক	ইউনিয়ন কমিটি সচিব	মদারগঞ্জ		

Validation Workshop

Image

Validation Banner:



DM Plan Presentation



Discussion



Attachment-12

DM plan, Madarganj upazila, Jamalpur

Web portal link: After finalizing disaster management planning of Madarganj upazila on 09 September, 2014 it was uploaded to the upazila web portal.

Web portal link: [madarganj.jamalpur.gov.bd-firstpage-upazilashomporkito-onnanno-madarganj-upazila durjog babosthaponaporikolpona](http://madarganj.jamalpur.gov.bd-firstpage-upazilashomporkito-onnanno-madarganj-upazila-durjog-babosthaponaporikolpona)

or

<http://madarganj.jamalpur.gov.bd>